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OF THE
SCHOOL OF MEDICINE.

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SESSION 1924-1925.

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BULLETIN

OF THE

University of Maryland School of Medicine

AND

College of Physicians and Surgeons.

Successor to THE HOSPITAL BULLETIN of the University of Maryland, BALTIMORE MEDICAL COLLEGE NEWS, and the JOURNAL of the Alumni Association of the College of Physicians and Surgeons.

VOL. IX. JULY, 1924 NO. 1

ANNUAL ANNOUNCEMENT.

SESSION 1924-1925.

CALENDAR

1924 - 1925

SCHOOL OF MEDICINE

1924

September 22 to 27, Inc.—Examinations for advanced standing.

September 29—Last day for registration.

September 29—Instruction begins with the first scheduled period.

November 11—Armistice Day.

November 27—Holiday (Thanksgiving Day).

December 20—Christmas recess begins after the last scheduled period.

1925

January 5—Instructions resumed with the first scheduled period.

February 23—Holiday (Washington's Birthday, February 22).

April 9—Easter recess begins after the last scheduled period.

April 14—Instruction resumed with the first scheduled period.

June 6—Commencement Day.

THE UNIVERSITY OF MARYLAND

Control of the University of Maryland is vested in a Board of nine Regents, appointed by the Governor and confirmed by the Senate for terms of nine years each. The general administration of the University is vested in the President. The University Council is an advisory body, composed of the President, the Assistant to the President, the Director of the Agricultural Experiment Station, the Director of the Extension Service, and the Deans. The University Council acts upon all matters having relation to the University as a whole, or to co-operative work between the constituent groups. Each school has its own Faculty Council, composed of the Dean and members of its Faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organization:

The College of Agriculture,
The College of Engineering,
The College of Arts and Sciences,
The School of Medicine,
The School of Law,
The School of Dentistry,
The School of Pharmacy,
The College of Education,
The College of Home Economics,
The Graduate School,
The Summer School,
The Department of Physical Education and Recreation,
The College of Commerce and Business Administration.

The Schools of Medicine, Law, Dentistry, Pharmacy and Commerce are located in Baltimore; the others in College Park, Maryland.

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University of Maryland School of Medicine

and

College of Physicians and Surgeons.

As a result of the merger accomplished in 1915 the combined schools offer the student the abundant resources of both institutions, and, in addition, by earlier combination with the Baltimore Medical College, the entire equipment of three large medical colleges.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was chartered in 1807, under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties, of Divinity, of Law, and of Arts and Sciences, and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

Established thus for more than a century, the School of Medicine of the University of Maryland has always been a leading medical college, especially prominent in the South and widely known and highly honored throughout the country.

The beautiful college building at Lombard and Greene Streets, erected in 1814-1815, is the oldest structure in America devoted to medical teaching. Here was founded one of the first medical libraries and the first medical college library in the United States.

Here for the first time in America dissecting was made a compulsory part of the curriculum; here instruction in Dentistry was first given (1837), and here were first installed independent chairs for the teaching of Diseases of Women and Children (1867) and of Eye and Ear Diseases (1873).

The School of Medicine was one of the first to provide for adequate clinical instruction by the erection in 1823 of its own hospital, and in this hospital intramural residency for the senior student was first established.

In 1913, juncture was brought about with the Baltimore Medical College, an institution of 32 years' growth. By this association the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated under the Legislative enactment in 1872, and established on Hanover Street in a building afterwards known as the Maternite, the first obstetrical hospital in Maryland. In 1878 union was affected with the Washington University School of Medicine, in existence since 1827, and the College was removed to its present location at Calvert and Saratoga Streets. By this arrangement medical control of the City Hospital, now the Mercy Hospital, was obtained, and on this foundation in 1899 the present admirable college building was erected.

ORGANIZATION OF THE SCHOOL OF MEDICINE.

LABORATORY AND CLINICAL FACILITIES.

THE LABORATORIES.

The laboratories are located at two centers, the group of buildings at Greene and Lombard Sts., and the Building at Calvert and Saratoga Sts. The schedule is so adjusted that the laboratory periods are placed with a view of obviating unnecessary movement on the part of the classes. The building known as Gray Laboratory, at Greene and Lombard Sts., houses three departments. The Anatomical Laboratory is placed upon the top floor, where skylights and an auxiliary modern system of electric lighting gives adequate illumination of the subjects. On this floor are the office of the department and the necessary preparation rooms. The Department of Pharmacology occupies the second floor. There is a large room for the general student laboratory, which is thoroughly equipped with apparatus of recent acquisition, and in addition contains many instruments of unique and original design. With office and stock-room adjoining, this laboratory is complete for student experimentation. On the first floor of Gray Laboratory is the Department of Physiology. In addition to the large student laboratory, which is constructed for sections of forty-five students, there are rooms for the departmental office, preparation of material, and storage of apparatus. An additional room is devoted exclusively to mammalian experiments. In this building there is maintained an animal room where is kept an abundance of material for experimental purposes. The embalming and storage plant for the Department of Anatomy is in physical connection with the building and its special department. The laboratories of physiology and pharmacology are completely equipped with apparatus lockers so that in accord with the best ideas of instruction, the students work in groups of two each, and each group has sufficient apparatus so that the experimental work can be carried on without delay or recourse to a general stock-room.

The laboratories of Pathology and Biochemistry are located on the third floor of the Dental Building. The former department has a large student laboratory with a capacity of ninety; the tables are so placed as to secure the most satisfactory illumination for microscopic work, in addition, all of the tables are electrically equipped for substage illumination. This equipment is also provided for all laboratories where microscopic work obtains. The museum of the Department of Pathology adjoins the student laboratory. Here are available for demonstration about fifteen hundred carefully prepared and mounted specimens, and for laboratory instruction and study two hundred histories and material from autopsies. Several preparation, research, and office rooms communicate with the other rooms of this department. The laboratory of Biochemistry is constructed and equipped for sections of fifty. The laboratory is completely equipped for the facilitation of work. The office and stock-room adjoin. In the Main Building is the Museum of Anatomy, where are arranged for student reference specimens which represent the careful selection of material over a period of many years. In the University Hospital is the Student Laboratory for the analytical studies of those students who are serving as clinical clerks on the wards. A similar laboratory is maintained in the building at the N. W. corner of Saratoga and Calvert Sts., for the student work on the wards of the Mercy Hospital.

In this latter building are two laboratories for Bacteriology, Histology, and Clinical Pathology, and an additional dissecting room which is used for the course in Topographical Anatomy. The two large laboratories accommodate ninety students or the full class, and are equipped with necessary lockers for microscopes and apparatus. Each of the departments housed in this building are provided with their individual offices, preparation, and stockrooms.

CLINICAL FACILITIES.

UNIVERSITY HOSPITAL.

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the State of Maryland. It was opened in September, 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for eye cases.

The present hospital has a capacity of 275 beds devoted to general medicine, surgery, obstetrics and the various medical and surgical specialties. It is equipped with a thoroughly modern X-ray department and clinical laboratory, and a postmortem building which is constructed with special reference to the instruction of students in *pathological anatomy.*

The hospital is situated opposite the medical school buildings so that the students lose no time in passing from the lecture halls and laboratories to the clinical amphitheater, dispensary and wards.

Owing to its situation being adjacent to the largest manufacturing district of the city and the shipping district, large numbers of accident cases are received. These combined with the cases of many sick seamen and with patients from our own city furnish a large amount of clinical material. Accommodations for thirty obstetrical patients are provided in the hospital for the purpose of furnishing actual obstetrical experience to each member of the graduating class.

In connection with the University Hospital an out-door obstetrical clinic is conducted, in which every case has careful prenatal supervision, is attended during labor by a physician and graduate nurse—one senior student also being present—and is visited during the puerperium by the attending student and graduate nurse. Careful prenatal, labor and puerperal records are kept, making this work of extreme value to the medical student, not only from the obstetrical standpoint, but in making him appreciate the value of social service and public health work.

During the year ending May 31, 1924, 421 cases were delivered in the hospital and 867 cases in the out-door department. Each student in the graduating class delivered an average of fifteen cases.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: Medicine, Surgery, Children, Eye and Ear, Genito-Urinary, Gynecology, Gastro-Enterology, Neurology, Orthopaedics, Proctology, Dermatology, Throat and Nose, Tuberculosis and Psychiatry.

All students in their junior year work in the departments of Medicine and Surgery each day in one of the dispensaries.

All students in their senior year work in the special departments one hour each day.

HOSPITAL COUNCIL.

Albert F. Woods, A.M., D.Agr., LL.D., *President.*

J. M. H. Rowland, M.D., *Dean.*

M. C. Pincoffs, S.B., M.D., *Head of Department of Medicine.*

A. M. Shipley, M.D., Sc.D., *Head of Department of Surgery.*

Samuel M. Shoemaker, *President of Board of Regents.*

J. Allison Muir,

G. M. Shriver,

W. B. Brooks,

Mrs. Edward Shoemaker, *Representing Woman's Auxiliary Board.*

Representing Hospital Staff.

Page Edmunds, M.D.	G. Carroll Lockard, M.D.

Representing Medical Alumni

Charles Bagley, M.D.	G. Milton Linthicum, M.D.

UNIVERSITY HOSPITAL STAFF.

Superintendent of the Hospital, A. J. Lomas, M.D.

Physicians.

Gordon Wilson, M.D.	Maurice C. Pincoffs, M.D.
Charles W. McElfresh M.D.	G. Carroll Lockard, M.D.
Roscoe C. Metzel, M.D.	Jos. E. Gichner, M.D.
Paul W. Clough, M.D.	Wm. H. Smith, M.D.

Gastro-Enterologists.

Julius Friedenwald, A. M., M.D.	John C. Hemmeter, Ph.D., M.D.

Neurologist.
Irving J. Spear, M.D.

Psychiatrist.
R. M. Chapman, M.D.

Pediatrician.
Charles L. Summers, M.D.

Pathologists.

Hugh R. Spencer, M.D.	Standish McCleary, M.D.
S. Lloyd Johnson, M.D.	W. J. Carson, M.D.

Surgeons.

Randolph Winslow, A.M., M.D., LL.D.
Arthur M. Shipley, M.D., Sc.D.
Joseph W. Holland, M.D.
Page Edmunds, M.D.
Nathan Winslow, A.M., M.D.
Frank S. Lynn, M.D.
Charles Reid Edwards, M.D.

Laryngologist.

Edward A. Looper, M.D.

Proctologists.

G. Milton Linthicum, A.M., M.D.
J. Dawson Reeder, M.D.

Orthopaedic Surgeons.

R. Tunstall Taylor, A.B., M.D.
Compton Riely, M.D.

Genito-Urinary Surgeons.

Page Edmunds, M.D.
W. H. Toulson, M.S., M.D.

Roentgenologist

Henry J. Walton, M.D.

Dermatologist.

Henry M. Robinson, M.D.

Anaesthetists.

S. Griffith Davis, M.D.
W. G. Queen, M.D.

Obstetricians.

L. E. Neale, M.D.
J. M. H. Rowland, M.D.
L. H. Douglass, M.D.
J. G. M. Reese, M.D.
Dudley Pleasants Bowe, M.D.

Ophthalmologists and Otologists.

Harry Friedenwald, M.D.
William Tarun, M.D.
Hiram Woods, A.M., M.D.
J. W. Downey, M.D.

Gynecologists.

J. Mason Hundley, M. D.
W. S. Gardner, M.D.
Hugh Brent, M.D.
R. G. Willse, M.D.

RESIDENT STAFF.

Resident Physician.
Dr. Wm. S. Love, Jr.

Resident Surgeon.
Dr. M. Edwards.

Assistant Resident Surgeon.
Dr. W. W. Walker.

Assistant Resident Surgeon.
Dr. W. W. Wilson.

Resident Obstetrician.
Dr. M. Alexander Novey.

INTERNES

Dr. H. E. Dean
Dr. A. L. Anderson
Dr. Roy A. Bell
Dr. C. A. Davenport
Dr. Jas. T. Marsh
Dr. M. Virginia Beyer
Dr. T. B. Aycock
Dr. R. S. Anderson
Dr. T. A. Clawson
Dr. D. Allen Fields
Dr. B. P. Warren
Dr. Edwin M. Robertson

Accident Room Service.
Dr. T. B. Whaley.

UNIVERSITY HOSPITAL DISPENSARY STAFF.

Medicine.

H. M. Stein, M.D., *Chief of Clinic.*

H. M. Bubert, M.D.
G. L. Zimmerman, M.D.
F. L. Badagliacca, M.D.
D. Corbin Strett, M.D.
Roscoe C. Metzel, M.D.
L. L. Gordy, M.D.
William Michel, M.D.
A. L. Fehsenfeld, M.D.

Diseases of Stomach and Intestine.

J. H. Ullrich, M.D., *Chief of Clinic.*

Joseph Sindler, M.D.
Z. Morgan, M.D.
M S Koppelman, M.D.
N. J. Davidov, M.D.
Paul F. Wiest, M.D.

Pediatrics.

Charles L. Summers, M.D., *Professor of Pediatrics.*
C. Loring Joslin, M.D., *Chief of Clinic*

W. H. Ingram, M.D.
H. H. Warner, M.D.
B. J. Ferry, M. D.
W. J. Todd, M.D.
J. H. Traband, M.D.
W. G. Geyer, M.D.
H. W. Wheaton, M.D.
R. S. Kirk, M.D.

C. R. GOLDSBOROUGH, M.D.
G. E. WELLS, M.D.
E. C. REITZEL, M. D.
F. S. OREM, M.D.
F. B. SMITH. M,D.
W. L. BRENT, M.D.

C. E. MACKE, M.D.
H. J. DORF, M.D.
D. H LAWLER, M.D.
H. R. LICKLE, M.D.
G. A. KNIPP, M.D.
J. J. MCGARRELL, M.D.

Neurology.

IRVING J. SPEAR, M.D., *Professor of Neurology.*
G. M. SETTLE, M.D., *Chief of Clinic.*
J. A. SKLADOWSKY, M.D.
B. PUSHKIN, M.D.

Psychiatry.

R. M. CHAPMAN, M. D., *Professor of Psychiatry.*
PAUL J. EWERHARDT, M.D.
H. M. PFEIFFER, M.D.
H. S. SULLIVAN, M.D.

Tuberculosis.

C. C. HABLISTON, M.D., *Chief of Clinic.*

Surgery.

CHARLES REID EDWARDS, M.D., *Chief of Clinic.*

H. M. FOSTER, M.D.
C. A. REIFSCHNEIDER, M.D.
E. S. PERKINS, M.D.
W. K. HARRYMAN, M.D.
C. F. HORINE, M.D.

E. S. JOHNSON, M.D.
W. R. JOHNSON, M.D
JAMES BROWN, M.D.
S. H. CULVER, M.D.
WILLIAM D. NOBLE, M.D.

Orthopaedic Surgery

R. TUNSTALL TAYLOR, A.B., M.D., *Professor of Orthopaedic Surgery.*
COMPTON RIELY,M.D., *Chief of Clinic.*
W. H. DANIELS, M.D.
H. L. WHEELER, M.D.
J. A. KEY, B.A., M.D.

Genito-Urinary.

W. H. TOULSON, M.D., *Chief of Clinic.*

HARRIS GOLDMAN, M.D.
J. H. COLLINSON, M.D.
AUSTIN H. WOOD, M.D.

H. T. COLLENBERG, M.D.
MILTON C. LANG, M.D.
H. C. KNAPP, M.D.

L. K. FARGO, M.D.

X-Ray.

HENRY J. WALTON, M.D., *Roentgenologist.*

Dermatology.

H. M. ROBINSON, M.D., *Chief of Clinic.*
J. E. GATELY, M.D.
J. A. BUCHNESS, M.D.

Gynecology.

R. G. WILLSE, M.D., *Chief of Clinic.*
J. M. HUNDLEY, JR., M.D. NATHAN WINSLOW, M.D.
LEO BRADY, M.D. GEORGE L. WISSIG, M.D.

Obstetrics.

L. H. DOUGLASS, M.D., *Chief of Clinic.*
DUDLEY PLEASANTS BOWE, B.A., M.D. J. G. M. REESE, M.D.
STANLEY G. MATHEWS, M.D.

Eye and Ear.

HARRY FRIEDENWALD, M.D., *Professor of Ophthalmology and Otology.*
J. W. DOWNEY, M.D.
H. L. SINSKY, M.D., *Chief of Clinic.*

Nose and Throat.

E. A. LOOPER, M.D., *Clinical Professor of Diseases of Throat and Nose.*
FRANK B. ANDERSON, *Chief of Clinic.*
GEORGE MURGATROYD, M.D. CHARLES J. NORTON, M.D.
J. G. ALEXANDER, M.D.

Social Service.

MISS GRACE PEARSON, *Directress.*

UNIVERSITY HOSPITAL, DISPENSARY REPORT

January 1, 1923, to December 31, 1923

Department	*Cases*		*Total*
	New	*Old*	
Pedriatrics	2,111	13,676	15,787
Dermatology	2,874	4,366	7,240
Medical	1,382	3,691	5,073
Obstetrics	1,448	3,937	5,385
Surgical	1,703	5,685	7,388
Ophthalmology	672	1,397	2,069
Gynecology	1,006	2,013	3,019
Orthopedics	283	2,645	2,928
Nose and Throat	738	1,047	1,785
Neurology	193	945	1,138
Gastro-Enterology	181	811	992
Tuberculosis	178	235	413
Proctology	90	104	194
Psychiatric	76	74	150
Cystoscopy	57	140	197
Dental	25	13	38
Genito-Urinary	2,856	6,249	9,105
	15,873	47,028	62,901

MERCY HOSPITAL.

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1875. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of administering to the patients.

In a very few years it became apparent that the City Hospital as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy ,with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present Hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space has compelled the erection of additions, until now there are accommodations for 351 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

Mercy Hospital is located in the center of a city of 800,000 inhabitants.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

It adjoins the College building, and all surgical patients from the public wards are operated upon in the College operating rooms. This union of the Hospital and College buildings greatly facilitates the clinical teaching, as there is no time lost in passing from one to the other.

Mercy Hospital is the hospital of the United Railways and Electric Company of Baltimore City, and receives patients from the Baltimore and Ohio Railroad Company and from the Pennsylvania Railroad Company and its branches.

MERCY HOSPITAL STAFF.

SURGICAL DIVISION

ARCHIBALD C. HARRISON, M.D.
ALEXIUS MCGLANNAN, M.D.
C. F. BLAKE, M.D.
W. D. WISE, M.D.

Associate Surgeons.

ELLIOT H. HUTCHINS, M.D.
HARVEY B. STONE, M.D.
R. H. LOCHER, M.D.
A. M. EVANS, M.D.
THOMAS R. CHAMBERS, M.D.
F. L. JENNINGS, M.D.

Assistant Surgeons.

I. O. Ridgley, M.D.
N. C. Marvel, M.D.
Everard Briscoe, M.D.
F. X. Kearney, M.D.
Chas. Maxson, M.D.
H. B. McElwain, M.D.
D. J. Pessagno, M.D.

Ophthalmologist and Otologist.

Harry Friedenwald, M.D.

Associates.

H. K. Fleck, M.D.
J. W. Downey, M.D.

Rhinologists and Laryngologists.

Frank D. Sanger, M.D.
George W. Mitchell, M.D.

Associate Rhinologists and Laryngologists.

W. F. Zinn, M.D.
Raymond McKenzie, M.D.

Proctologist.

Charles F. Blake, M.D.

Associate.

L. J. Rosenthal, M. D.

Orthopaedic Surgeon.

Albertus Cotton, M.D.

Associate.

H. L. Rogers, M.D.

Urologists.

A. G. Rytina, M.D.
A. J. Gillis, M.D.

MEDICAL DIVISION.

Physicians.

Maurice C. Pincoffs, M.D.
William F. Lockwood, M.D.
Standish McCleary, M.D.
Cary B. Gamble, M.D.
H. G. Beck, M.D.

Associates.

Hubert C. Knapp, M.D.
C. C. W. Judd, M.D.
J. W. Martindale, M.D.
E. E. Mayer, M.D.
Bartus T. Baggott, M.D.
G. McLean, M.D.
Leon Freedom, M.D.

Assistant.

H. R. Peters, M.D.

Gastro-Enterologist.

Julius Friedenwald, M.D.

Associates.

T. Frederick Leitz, M.D. Theodore Morrison, M.D.

Assistants.

Maurice Feldman, M.D. Joseph Sindler, M.D.

Pediatrists.

John Ruhrah, M.D. Edgar B. Friedenwald, M.D.

Assistant.

F. B. Smith, M.D.

Neurologist and Psychiatrist.

Andrew C. Gillis, M.D.

Assistant.

Milford Levy, M.D.

Dermatologist.

Melvin Rosenthal, M.D.

OBSTETRICAL DIVISION.

Obstetricians.

Geo. W. Dobbin, M.D. Charles E. Brack, M.D.

Associate Obstetricians.

E. P. Smith, M.D. T. K. Galvin, M.D.

Assistant Obstetrician.

J. J. Erwin, M.D.

GYNECOLOGICAL DIVISION

Gynecologists.

William S. Gardner, M.D. Abraham Samuels, M.D.

George A. Strauss, M.D.

Associate Gynecologists.

T. K. Galvin, M.D. E. P. Smith, M.D.

PATHOLOGICAL DIVISION.

Pathologists.

Standish McCleary, M.D. Hugh R. Spencer, M.D.

Clinical Pathologist.

H. T. Collenberg, M.D.

Technicians—Sister M. Joan, Ph.G., R.N., Anna Chenoweth, R.N.

DEPARTMENT OF DENTISTRY

Attending Dentists.

Norval McDonald, D.D.S.
Le Roy Knoble, D.D.S.

X-RAY DEPARTMENT.

Radiographers.

Albertus Cotton, M.D.
Harry L. Rogers, M.D.

MERCY HOSPITAL RESIDENT STAFF.

K. W. Golley, M.D., *Chief Resident.*

Resident Surgeons.

H. F. Bongardt, M.D.
Theodore Giffen, M.D.

Resident Gynecologist.

T. J. Touhey, M.D.

Resident Physician.

F. T. Kyper, M.D.

Assistant Resident Surgeons.

M. I. Berkson, M.D.
Leo H. Mynes, M.D.

Internes.

H. M. Beerman, M.D.
D. J. Maurillo, M.D.
Jacob M. Miller, M.D.
Albert Scagnetti, M.D.
H. R. McConnell, M.D.
Jos. G. Miller, M.D.
Peter G. Motta, M.D.
Edw. J. Whelan, M.D.

DISPENSARY STAFF OF MERCY HOSPITAL.

Surgery.

Supervisors.

Alexius McGlannan, M.D.
W. D. Wise, M.D.

Attending Surgeons.

A. M. Evans, M.D.
D. H. Mohr, M.D.
I. O. Ridgely, M.D.
O. H. Lloyd, M.D.
Clyde Marvel, M.D.
Everard Briscoe, M.D.
H. B. McElwain, M.D.

Genito-Urinary Surgery.

A. J. Gillis, M.D.

Orthopaedic Surgery.

Albertus Cotton, M.D.
Harry L. Rogers, M.D.

Medicine.

Supervisors, Wm. F. Lockwood, M.D., M. C. Pincoffs, M.D.

Attending Physicians.

Herman Seidel, M.D.
Wetherbee Fort, M.D.
F. N. Hillis, M.D.
B. T. Baggott, M.D.
F. M. Villela, M.D.
H. R. Peters, M.D.

Diseases of Stomach.

Supervisor, Julius Friedenwald, M.D.

Attending Physicians.

T. Frederick Leitz, M.D.
M. Feldman, M.D.
Theodore H. Morrison, M.D.
Joseph Sindler, M.D.
S. Zinberg, M.D.
A. Eisenberg, M.D.
E. E. Grempler, M.D.
W. F. Zinn, M.D. *Esophagoscopist.*

Nervous Diseases.

Supervisor, A. C. Gillis.

Attending Physicians.

Milford Levy, M.D.
R. A. Warner, M.D.

Pediatrics.

I. J. Feinglos, M.D.

Diseases of Women.

Supervisors.

W. S. Gardner, M.D.
A. Samuels, M.D.

Attending Surgeons.

E. P. Smith, M.D.
J. J. Erwin, M.D.
T. K. Galvin, M.D.
C. F. J. Coughlin, M.D.

Diseases of Nose and Throat.

W. F. Zinn, M.D.
R. F. McKenzie, M.D.

Diseases of Eye and Ear.

H. K. Fleck, M.D.
J. I. Kemler, M.D.
J. W. Downey, M.D.
M. Raskin, M.D.
F. A. Pacienza, M.D.

Proctology.

L. J. Rosenthal, M.D.

Dermatology.

Melvin Rosenthal, M.D.

Assistant.

William G. Coppage, M.D.

Dental Clinic.

Norval McDonald, D.D.S.
Le Roy Knoble, D.D.S.
J. Aubrey Lee, D.D.S.

Social Service Department.

Catherine Campbell, R.N., *Director.*

Dispensary Directress.

Elizabeth A. Moore, R.N.

MERCY HOSPITAL, DISPENSARY REPORT

January 1, 1923, to December 31, 1923,
Sister M. Helen, Directress.

	Cases		
Dispensary Clinics	*New*	*Old*	*Total*
Surgical	873	2,355	3,228
Medical	917	948	1,865
Gynecological	333	864	1,197
Eye and Ear	419	758	1,177
Nose and Throat	702	770	1,472
Neurological	142	368	510
Pediatric	64	61	125
Gastro-Intestinal	208	634	842
Dental	211	165	376
Proctological	57	63	120
Orthopedic	187	722	909
Dermatological	254	546	800
Genito-Urinary	4,367	8,254	12,621
	8,734	16,508	25,242

OTHER CLINICAL FACILITIES.

THE MUNICIPAL HOSPITALS—BAY VIEW.

The clinical advantages of the University have been largely increased by the liberal decision of the Board of Supervisors of City Charities to allow the immense material of these hospitals to be used for the purpose of medical education. There are daily visits and clinics in medicine and surgery by the Staff of the Hospitals. The autopsy material is unsurpassed in this country in amount, thoroughness in study, and the use made of it in medical teaching.

The Municipal Hospitals consist of following separate hospitals:

The General Hospital, 160 beds.
The Hospital for Chronic Cases, 88 beds.
The Municipal Hospital for Tuberculosis, 190 beds.
City Detention Hospital for Insane, 450 beds.

STAFF OF THE CITY HOSPITALS AT BAYVIEW.

VISITING STAFF

THOMAS R. BOGGS, S.B., M.D., *Physician-in-Chief.*

ARTHUR M. SHIPLEY, Sc.D., M.D., *Surgeon-in-Chief.*

C. C. HABLISTON, M.D., *Physician-in-Chief to the Municipal Tuberculosis Hospital.*

HARRY GOLDSMITH, M.D., *Physician-in-Charge of the City Detention Hospital for the Insane*

JOHN R. CASH, M.D., *Visiting Pathologist.*

R. B. WRIGHT, M.D., *Resident Pathologist.*

CONSULTING STAFF.

Ophthalmologist.
JAMES J. MILLS, M.D.

Otologist.
WILLIAM TARUN, M.D.

Gynecologist.
R. G. WILLSE, M.D.

Urologist.
W. H. TOULSON, M.D.

Laryngologists.
H. R. SLACK, M.D.
EDWARD A. LOOPER, M.D.

Pediatrician.
JOHN RUHRAH, M.D.

Neurologist.
HENRY M. THOMAS, M.D.

Psychiatrists.
HENRY J. BERKELY, M.D.
ADOLPH MEYER, M.D.

Orthopedist
H. L. WHEELER, M. D.

Assistant Visiting Physician.
CHARLES R. AUSTRIAN, M.D

Assistant Visiting Surgeons
FRANK S. LYNN, M.D.
C. A. REIFSCHNEIDER, M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN.

This institution contains seventy-five beds for the active treatment of deformities. It is situated at "Radnor Park," a colonial estate of seventy-five acres at Hillsdale, within the western city limits, reached by trolley.

This institution has city, state, endowed and private beds and every modern facility for the treatment of orthopaedic cases as well as a most beautiful park-like environment and farm, and is closely affiliated with the University of Maryland for bed-side instruction.

STAFF.

R. Tunstall Taylor, A.B., M.D., *Surgeon in Chief.*

Associate Surgeons.

Sydney M. Cone, A.B., M.D.
Albertus Cotton, A.M., M.D.
Compton Riely, M.D.

Attending and Dispensary Surgeons.

W. H. Daniels, M.D.
J. Albert Key, B.A., M.D.
H. L. Wheeler, M.D.

Physio-Therapists and Instructors in Corrective Gymnastics.

Miss Anita Renshaw Presstman
Miss Elizabeth Emory.
Miss Florence Grape.
Miss Mary H. Lee, *Principal of School.*
Miss Nora Robinson, *Assistant*

Roentgenologists.

Henry J. Walton, M.D.
J. F. Lutz, M.D.

Attending Plastic Surgeon.

John Staige Davis, B.Sc., M.D.

Pediatrist.

Benjamin Tappan, B.A., M.D.

Attending Surgeon.

A. M. Shipley, M.D.

Attending Neuro-Surgeon.

Charles Bagley, Jr., M.D.

Attending Laryngolist.
F. B. ANDERSON, M.D.

Attending Dermatologist.
JOHN R. ABERCROMBIE, A.B., M.D.

Attending Pathologist.
HOWARD J. MALDEIS, M.D.

Attending Urologist.
GIDEON TIMBERLAKE, M.D.

Attending Oculist and Aurist.
WILLIAM TARUN, M.D.

Attending Neurologist.
IRVING J. SPEAR, M.D.

Attending Dentists.
G. E. P. TRUITT, D.D.S.
J. B. BELL, D.D.S.
H. M. BLUMENTHAL, D.D.S.

Consulting Surgeons.
J. M. T. FINNEY, A.B., M.D.
RANDOLPH WINSLOW, A.M., M.D., LL.D.
ARCHIBALD C. HARRISON, M.D.

Consulting Physicians.
THOMAS R. BROWN, A.B., M.D.
LLEWELLYS F. BARKER, A.B., M.D.
THOMAS F. FUTCHER, A.B., M.D.
WILLIAM S. THAYER, A.B., M.D.

Consulting Oculist.
HIRAM WOODS, M.D., LL. D.

Consulting Laryngologist.
JOHN N. MACKENZIE, A.B., M.D.

Dispensary and Social Service Nurse.
MISS MABEL BROWN, R.N.

Head Nurse.
MISS LOUISE SCHAUB, R.N.

Resident Interne
R. H. HOLPER.

ST. VINCENT'S INFANT ASYLUM.

The facilities of this institution, containing 250 infants and children, have been kindly extended to the University of Maryland by the Sisters of Charity. This large clinic enables this school to present to its students liberal opportunities for the study of diseases of infants and children.

STAFF.

Visiting Physician.
Charles R. Goldsborough, M.D.

Visiting Surgeon.
Nathan Winslow, M.D.

Visiting Obstetrician.
L. H. Douglass, M.D.

Visiting Dermatologist.
John Buchness, M.D.

Visiting Orthopedist.
William H. Daniels, M.D.

INSTITUTIONS FOR THE TREATMENT OF THE INSANE AND FEEBLE-MINDED.

The Sheppard and Enoch Pratt Hospital for the Insane. This institution is one of the most modern hospitals for the treatment and care of the insane in this country. It is well endowed and its superintendent is R. M. Chapman, M. D., Professor of Psychiatry at the University of Maryland. In this hospital intensive treatment and study of mental diseases is carried on, a large number of the patients entering voluntarily. The students under the direction of Dr. Chapman and his assistants in a series of clinics are shown the early manifestations and the various stages of mental diseases, the methods of treatment, and their effects.

Spring Grove Hospital. Through the courtesy of the Superintendent of this institution, the Professor of Psychiatry is enabled to present to the weekly clinics to the fourth year class the different types of psychoses and psycho-neuroses.

LIBRARIES.

The University Library, founded in 1813 by the purchase of the collection of Dr. John Crawford, now contains 15,256 volumes, a file of 60 current journals, and several thousand pamphlets and reprints. During the year ending December 31, 1923, 350 volumes were added. It is well stocked with recent literature, including books and periodicals of general interest. The home of the Library is Davidge Hall, a comfortable and commodious building in close proximity to the class rooms and the Laboratories of the Medical Department. The Library is open daily during the year, except in August, for use of members of the Faculty, the students, and the profession generally.

The Library of the Medical and Chirurgical Faculty of Maryland, containing many thousands of volumes, is open to the students of the school. The leading medical publications of the world are received by the library and complete sets of many journals are available. Other Libraries of Baltimore are the Peabody (181,000 volumes) and the Enoch Pratt Free Library (355,817 volumes).

All these libraries are open to the students of the school without charge.

ORGANIZATION OF THE CURRICULUM.

The following curriculum is the result of a thorough revision of teaching in this school in order to meet modern requirements. The multiplication of specialties in medicine and surgery necessitates a very crowded course and the introduction of electives will very soon be depended on to solve some of the difficulties.

The curriculum is organized under eleven departments:

1. Anatomy (including Histology and Embryology).
2. Physiology.
3. Biological Chemistry.
4. Pharmacology and Materia Medica.
5. Pathology.
6. Bacteriology and Immunology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology and Otology.

The instruction is given in four years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures and functions of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in Medicine and Surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the needs of each student.

In many courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF ANATOMY, INCLUDING HISTOLOGY AND EMBRYOLOGY.

C. L. Davis, M.D.	Professor of Anatomy
Tilghman B. Marden, A.B., M.D.	Professor of Histology and Embryology
Louis C. Dobihal, M.D.	Instructor in Histology
J. D. Holofcener, M.D	Instructor in Histology
Stanley W. Matthews, M.D.	Instructor in Histology
Everard W. Briscoe	Assistant in Anatomy
Wm. R. Johnson	Assistant in Anatomy
Robt. W. Johnson	Assistant in Anatomy

First Year. *Didactic.* Five hours each week for thirty-two weeks. Each day, preceding the laboratory period, a quiz and demonstration of from forty to fifty minutes is held, covering the laboratory work for the day.

Laboratory. Eighteen hours each week for thirty-two weeks This course includes a complete dissection of the human body, including the central nervous system. Abundance of good material is furnished and the student is aided in his work by competent demonstrators. Practical examinations are held at frequent intervals throughout the session and each student will be held to strict account for material furnished him. Each student is furnished a skeleton and a deposit is required to insure its return in good condition at the end of the session.

Histology.

First Year. Lectures, recitations and laboratory work, ten hours each week during first semester; three hours each week during second semester. The most important part of the work will be done in the laboratory, where each student will be provided with apparatus, staining fluids and material necessary for the preparation of specimens for microscopical examination. An important aid to the course is the projection microscope and balopticon which are used for the projection upon a screen, of magnified images of the specimens actually used in the laboratory, and of illustrations from standard text books.

Embryology.

Lectures, recitations, and laboratory work; one hour each week during the first semester, and seven hours each week during the second semester.

This course includes the study of the development of the chick and the fundamental principles of mammalian embryology. In the laboratory, the hen's egg will be studied in its various stages of development, and sections of the chick at different periods of incubation will be made and studied microscopically. The latter part of the course will be devoted to the study of sections through different regions of mammalian embryos.

Special emphasis is laid upon the development in the human.

DEPARTMENT OF PHYSIOLOGY

Bartgis McGlone, A.B., Ph. D.	Professor of Physiology
Charles C. Conser, M.D.	Associate Professor of Physiology
Ferdinand A. Ries, M.D.	Associate in Physiology
Joseph P. Pokorny, M.D.	Instructor in Physiology
George A. Knipp, M.D.	Instructor in Physiology
Firmadge K. Nichols, A.B., M.D.	Instructor in Physiology
J. Ogle Warfield, Jr., A.B., A.M., M.D.	Assistant in Physiology

The course in Physiology extends throughout the First and Second Years. It consists of a series of lectures, covering the field of human physiology, laboratory work, demonstrations, and frequent recitations. It is constantly in the mind of the department that this course is introductory to the study of medicine. The recitations cover the subject-matter of the lectures and the experiments performed in the laboratory.

First Year. 1. This course includes lectures and recitations upon the physiology of the blood and circulation, respiration, muscle and nerve, a portion of the central nervous system, and special senses, and such chemical and physical facts as are necessary for a proper understanding of the physiology taught. Two lectures and a recitation weekly throughout the year. Dr. McGlone, assisted by Dr. Ries.

Second Year. 2. *Didactic instruction.* During this year the remaining topics of physiology are covered by lectures and demonstrations. As in the first year frequent recitations will be held. The subject-matter includes the physiology of digestion and secretion, nutrition, metabolism, internal secretion, the central nervous system, and the eye and ear. Lectures, demonstrations, and recitations, three hours per week. Dr. McGlone, assisted by Drs. Conser and Ries.

3. *Experimental Physiology.* This is a laboratory course in the dynamics of muscle and nerve, studies in circulation and respiration, and physiology of the special senses. Apart from the aquisition of the facts of physiology, the student is taught to observe accurately, record carefully the results of his observations, and from these results draw an independent conclusion. He is also trained in the use of instruments which are of value to him in his clinical years. Three hours weekly throughout the year. Drs. McGlone, Ries, Conser, Pokorny, Knipp, and Warfield.

4. Clinical Physiological Conference. During the second semester of the second year a clinic is held each week in conjunction with the Department of Medicine. At this clinic an attempt is made to correlate the work and the instruction of the two departments and to serve as an introduction to the work of the clinical years. Drs. Pincoffs, (Professor of Medicine), and McGlone.

5. *Elective Course in Physiological Technique.* This course is offered to Sophomores. Three hours per week. Second semester. Dr. McGlone.

6. *Special Mammalian Physiology.* This is a laboratory course intended for advanced laboratory students (optional) who may wish to do special work in this line of physiology. Hours to be arranged. Dr. McGlone.

PHARMACOLOGY AND MATERIA MEDICA.

WILLIAM HENRY SCHULTZ, Ph.B., Ph.D.	Professor of Pharmacology
O. G. HARNE, A.B.	Associate Professor of Pharmacology
WILLIAM GLENN HARNE	Assistant in Pharmacology
ESTHER. F. KUHN	Assistant in Pharmacology

1. *Pharmacology.* Materia Medica and Prescription Writing required of all second year medical students during the first semester. Didactic, three hours a week; Laboratory, three hours a week.

This course is a prerequisite to all other courses in Pharmacology. Special emphasis is laid upon laboratory methods of observation and of intelligent note-taking. The essentials of precription writing are taught and the student is introduced to the official pharmacopoeal preparations.

Not only is the student taught intelligently the use of the United States Pharmacopoeia and the National Formulary, but the principles underlying the establishment of some of the most practical recipes are attacked from a didactic point of view.

2. *Systematic Pharmacology.* Required of all second year medical students. Three hours a week during the year, two lecture periods and one period for quiz and general conferences. Special care is taken to adapt the material to the practical need of the medical student. Emphasis, however, is laid upon the pharmacological action of drugs as a pure science in order that a critical attitude toward drugs may be instilled. As the student masters the pharmacology of an important drug, its dosage, incompatibilities, and practical applications are driven home by systematic assignments of prescription writing, quizzes, and conferences.

3. *Pharmacodynamics.*—Second semester. Required of all second year students. Prerequisite pharmacology 1. Laboratory, six hours a week.

The course runs parallel with pharmacology 2. Being a laboratory course it furnishes much didactic material used in the class conferences and lectures of pharmacology No. 2.

As the student's ability in handling biological material develops, experiments involving the more difficult technique of pharmacological experimentation are introduced. Special emphasis is laid upon the student's ability to handle live tissues and to make first-hand observations of a given drug's action, regardless of what standard text-books teach.

Class conferences, discussions, and the reading of assigned papers are used to supplement the laboratory and lecture. In these conferences the professor in charge attempts to summarize the class work as a whole, thereby properly coordinating it. It is by these means that the student acquires a critical and scientific attitude toward *official* and *new and non-official remedies.* The study is limited for the most part to such drugs as are known to have a definite pharmacological action and therapeutic value.

4. *Special Pharmacodynamics.* (Credit according to work done.)

This course is open to advanced students and special workers who desire advanced training, or who wish to pursue some special problem in Pharmacology or Toxicology. Hours to be arranged. Professor Schultz.

5. *Research in Pharmacology and Chemo-Therapy.* Properly qualified students are admitted to the laboratory with a view to their carrying on original investigations in drug action. Tho newly equipped laboratories are well adapted for post-graduate study and research in Pharmacology. Hours will be arranged to suit the applicant. Professor Shultz.

DEPARTMENT OF PATHOLOGY.

Hugh R. Spencer, M. D.	Professor of Pathology.
Standish McCleary, M. D.	Professor of Patholopy.
Sydney Cone, M. D.	Associate Professor of Pathology.
Wm. J. Carson, M. D.	Associate Professor of Pathology.
A. E. Goldstein, M. D.	Instructor in Pathology.
M. J. Hanna, M. D.	Instructor in Pathology.
R. B. Wright, M. D.	Assistant in Pathology.

Courses of instruction in pathology are given during the second, third, and fourth years. The courses are based on previous study of normal structure and function and aim to outline the natural history of disease. The instruction is made as practical as possible that the student may become familiar with the appearance of organs and tissues in disease and may be able to correlate anatomical lesions with clinical symptoms and signs.

1. General Pathology and Histo-Pathology This course is given to second year students. It includes the study and demonstration of disturbances of the body fluids, disturbances of structure, nutrition and metabolism of cells, disturbances of fat, carbohydrate and protein metabolism, disturbances in pigment metabolism, inflammation and tumors. The laboratory course consists in a daily preliminary talk on the subject for study, following which the student takes up the study of microscopical sections. Gross material from autopsy and from the museum is demonstrated in conjunction with the microscopical study.

2. Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology. Third year students: In this course the special relationship of the gross and microscopical lesions to clinical symptoms and signs is emphasized. Fresh material from autopsy collected at the various hospitals is demonstrated and supplemented by a study of the respective autopsy protocols.

Special stress is laid upon the study of the infectious diseases and where possible the causative agents are studied.

3. Autopsies. Third year. Autopsy technic is taught to small groups of students by special instruction at autopsies performed at the various hospitals. Students are required to assist at the autopsy, study the organs, examine the microscopical sections, make cultures and prepare autopsy protocols.

4. Clinical Pathological Conference, Fourth Year. In collaboration with the Department of Medicine. Material from autopsies is studied with reference to the correlation of the clinical aspects with the pathological findings.

5. Advanced Work in Pathology. Properly qualified students will be permitted to carry out advanced or research work along the lines of experimental pathology. Adequate space and equipment is available.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY.

Frank W. Hachtel, M.D.	Professor of Bacteriology
William Royal Stokes, M.D. Sc.D.	Professor of Bacteriology
Louis F. Krumrein, M.D.	Instructor in Bacteriology
J. A. F. Pfeiffer, M.D.	Instructor in Bacteriology
Henry F. Buettner, M.D.	Instructor in Bacteriology

Instruction in bacteriology is given in the laboratory to the students of the first year during the second semester. This includes the various methods of preparation and sterilization of culture media, the study of pathogenic bacteria and the bacteriological examination of water and milk. The bacteriological diagnosis of the communicable diseases is also included in this course. Animal inoculations are made in connection with the bacteria studied. The most important protozoa are also studied in the laboratory. The principles of general bacteriology are taught by quiz, conference and lecture.

The principles of immunology are presented by means of quizzes conferences and lectures to the second year class throughout the first semester and practical experiments are carried out by the class in laboratory sessions of three hours each held twice weekly during the semester.

DEPARTMENT OF BIOLOGICAL CHEMISTRY.

H. Boyd Wylie, M.D.	Professor of Biological Chemistry
Frank N. Ogden, M.D.	Associate in Biological Chemistry

Instruction in Biological Chemistry comprises laboratory work, lectures and conferences.

Laboratory Work. The first few weeks of the laboratory work consists in the preparation of normal and standard solutions which requires careful use of the analytical balance and of volumetric glassware. The knowledge gained in this preliminary period is then put to practical application in the making of quantitative determinations of nitrogenous compounds of known nitrogen content. Daily reports are required of each student in this work and a careful record is kept of his ability.

At the end of this period there follows a long course of laboratory work on the chemistry and metabolism of the carbohydrates, proteins and lipins. Each type of foodstuff is considered separately; first its chemistry is studied and then its metabolism. In following this arrangement the usual long stretch of the pure chemistry of all the foodstuffs is eliminated.

Experiments on the tissues of the body then follow, and precede the final group of experiments on bile, milk and those which relate to the more thorough study of blood and urine.

Throughout the laboratory work the older methods have been excluded, and those tests which are a duplication of the same principle have been reduced to minimum. Quantitative tests include only those which are representative and essential. A great deal of stress is laid upon the importance of quantitative and metabolic experiments, so that this type of work constitutes the major part of the laboratory experiments in this course.

Lectures. The lectures precede or run parallel to the laboratory work, as far as possible. The first lectures deal with laboratory technic, the chemistry of solutions and indicators, osmosis, the chemistry of colloids, catalysis, reversible reactions, the law of mass action and a discussion of enzymes. The lectures which follow refer to the chemistry and metabolism of carbohydrates, proteins and lipins. Relatively less time is given to the discussion of the chemistry of the various foodstuffs and more to the discussion of their metabolism. In these lectures the fundamental principles (biological, physical and chemical) are emphasized, not, however, to the exclusion of the correlation of the normal and abnormal metabolism.

The final lectures relate to the discussions of the secretions, including milk, and of the blood and urine, including the metabolism of inorganic substances, salts and water.

DEPARTMENT OF MEDICINE.

Maurice C. Pincoffs, S.B., M.D.,	Professor of Medicine
Gordon Wilson, M.D.	Professor of Medicine
Cary B. Gamble Jr., A.M., M.D.	Professor of Medicine
Standish McCleary, M.D	Professor of Pathology and Clinical Medicine
Jos. E. Gichner, M.D.	Professor of Clinical Medicine
Charles W. McElfresh, M.D.	Professor of Clinical Medicine
G. Carroll Lockard, M.D.	Professor of Clinical Medicine
Harvey G. Beck, Sc.D., M.D.	Professor of Clinical Medicine
Paul W. Clough, B.S., M.D	Associate Professor of Medicine
C. C. W. Judd, A.B., M.D.	Associate Professor of Medicine
Sydney R. Miller, M.D.	Associate Professor of Medicine
H. D. McCarty, M.D.	Associate Professor of Clinical Medicine
Wm. H. Smith, M.D.	Associate Professor of Clinical Medicine
H.J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
S. Lloyd Johnson, A.B., M.D.	Assistant Professor of Medicine
Harry M. Stein, M.D.	Assistant Professor of Medicine
John G. Huck, M.D.	Assistant Professor of Medicine
R. C. Metzel, M.D	Associate in Clinical Medicine
W. I. Messick, M.D.	Associate in Clinical Medicine
George McLean, M.D.	Associate in Medicine
L. A. M. Krause, M.D.	Associate in Medicine
E. E. Mayer, M.D.	Instructor in Medicine
D. Corbin Streett, M.D.	Instructor in Medicine
C. C. Habliston, M.D.	Instructor in Medicine
J. W. Martindale, M.D.	Instructor in Medicine
Henry Sheppard, M.D.	Instructor in Medicine
Bartus T. Baggott, M.D.	Instructor in Medicine
Leon Freedom, M.D.	Instructor in Medicine
Herman Seidel, M.D.	Assistant in Medicine
Wetherbee Fort, M.D.	Assistant in Medicine
William Michel, M.D.	Assistant in Medicine
M. G. Gichner, M.D.	Assistant in Medicine
L. L. Gordy, M.D.	Assistant in Medicine
F. L. Badagliacca, M.D.	Assistant in Medicine
H. R. Peters, M.D.	Assistant in Medicine
H. M. Bubert, M.D.	Assistant in Medicine

GENERAL OUTLINE.

Second Year

Introduction to clinical medicine.

- (a) Introductory physical diagnosis.
  - (1 hour a week, first semester).
  - (2 hours a week, second semester).
- (b) Clinical lectures on pathological physiology.
  - (1 hour a week, second semester).

Third Year.

I. The methods of examination (13 hours a week).

  (a) History taking.

  (b) Physical diagnosis.

  (c) Clinical pathology

  These subjects are taught and practiced in the out-patient department and in the clinical laboratory.

II. The principles of medicine (7 hours a week).

  (a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics and preventive medicine.

III. The principles of therapeutics (2 hours a week).

  Lectures and demonstrations in general therapeutics, physical therapeutics and materia medica.

FOURTH YEAR.

The practice of medicine.

I. Clinical clerkship on the medical wards.
(26 hours a week for ten weeks).

  (a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.

  (b) Ward classes in general medicine, the medical specialties, and therapeutics.

II. Clinics in general medicine and the medical specialties (6 hours a week).

III. Dispensary work in the medical specialties.

IV. Clinical pathological conferences (1 hour a week).

Medical Dispensary Work.

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two periods a week of two hours each in dispensary work. The work is done in groups of four to six students under an instructor. Systematic history taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Physical Diagnosis.

Second Year. Didactic lectures and practical demonstrations in topographical anatomy and normal physical signs.

CLINICAL PATHOLOGY.

John G. Huck, M.D.	Head of Department Assistant Professor of Medicine
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
S. R. Miller, M.D.	Associate Professor of Medicine
L. A. M. Krause, M.D.	Associate in Medicine
M. G. Gichner, M.D.	Assistant in Medicine
H. R. Peters, M.D.	Assistant in Medicine

During the third year the student is thoroughly drilled in the technique of the usual clinical laboratory work, so that he is able to perform all routine examination which may be called for during his fourth year, in connection with the work in the wards and dispensary.

The practical work is supplemented by a series of didactic lectures and demonstrations in which the entire teaching staff of the department takes an active part. The microscopical and chemical study of blood, exudates and transudates, gastric juice, spinal fluid, feces and urine are successively taken up, and special attention directed to the clinical significance of the findings.

Clinical parasitology from the standpoint of the infecting agent and the carrier is given careful consideration.

The entire course is thoroughly practical. Each student is provided with a microscope, blood counters and hemoglobinometer for his exclusive use, and every two students with a special laboratory outfit for all routine purposes.

During the fourth year the student applies what he has learned during the preceding year in the laboratories of the various affiliated hospitals. He is also supplied with a laboratory outfit which is sufficiently complete to enable him to work independently of the general equipment. Special instructors are available during certain hours to give necessary assistance and advice.

GASTRO-ENTEROLOGY

Julius Friedenwald, A.M., M.D.	Professor of Gastro-Enterology
T. Fred Leitz, M.D.	Clinical Professor of Gastro-Enterology
J. Harry Ullrich, M.D.	Assistant Professor of Gastro-Enterology
Theodore H. Morrison, M.D.	Assistant Professor of Gastro-Enterology
Maurice Feldman, M.D.	Associate in Gastro-Enterology
Joseph Sindler, M.D.	Instructor in Gastro-Enterology
Z. Morgan, M.D.	Instructor in Gastro-Enterology
M. S. Koppelman, M.D.	Assistant in Gastro-Enterology
N. J. Davidov, M.D.	Assistant in Gastro-Enterology
Albert Eisenberg, M.D.	Assistant in Gastro-Enterogloy
Paul F. Wiest, M.D.	Assistant in Gastro-Enterology
I. S. Zinberg, M.D.	Assistant in Gastro-Enterology
W. E. Grempler, M.D.	Assistant in Gastro-Enterology

Fourth Year. Clinic recitations and demonstrations to the class for one hour a week throughout the session. Dispensary sintruction to small groups throughout the entire session. Practical instruction in the differential and clinical diagnosis and demonstrations of the newer methods of diagnosis in gastro-intestinal affections.

PSYCHIATRY.

R. M. Chapman, M.D.	Professor of Psychiatry
Paul E. Ewerhardt, M.D.	Associate in Psychiatry
Harry Goldsmith, M.D.	Instructor in Psychiatry
H. S. Sullivan, M.D.	Instructor in Psychiatry
H. M. Pfeiffer, M.D.	Assistant in Psychiatry

Third Year. In the third year the student attends fifteen clinical lectures and five clinics which are designed to be introductory to the more intensive work in psychiatry in the fourth year.

Fourth Year. The class is divided into sections for clinical conferences on selected groups of cases. Each student works for a short period as assistant in the Mental Hygiene Clinic and thus gains practical experience of the problems of history taking, examination, and the care of psychiatric patients.

PEDIATRICS.

John Ruhrah, M.D.	Professor of Pediatrics
Charles L. Summers, M.D.	Professor of Pediatrics
Edgar B. Friedenwald, M.D.	Clinical Professor of Pediatrics
C. Loring Joslin, M.D.	Assistant Professor in Pediatrics
W. H. Ingram, M.D.	Associate in Pediatrics
H. H. Warner, M.D.	Associate in Pediatrics
W. J. Todd, M.D.	Instructor in Pediatrics
John H. Traband, M.D.	Instructor in Pediatrics
William F. Geyer, M.D.	Instructor in Pediatrics
I. J. Feinglos, M.D.	Instructor in Pediatrics
Bernard J. Ferry, M.D.	Assistant in Pediatrics
Charles Goldsborough, M.D.	Assistant in Pediatrics
George E. Wells, M.D.	Assistant in Pediatrics
E. C. Reitzel, M.D.	Assistant in Pediatrics
F. Stratner Orem, M.D.	Assistant in Pediatrics
Clarence E. Macke, M.D.	Assistant in Pediatrics
H. Whitney Wheaton, M.D.	Assistant in Pediatrics
Robert S. Kirk, M.D.	Assistant in Pediatrics
H. J. Dorf, M.D.	Assistant in Pediatrics
D. H. Lawler, M.D.	Assistant in Pediatrics
H. R. Lickle, M.D.	Assistant in Pediatrics
F. B. Smith, M.D.	Assistant in Pediatrics
G. A. Knipp, M.D.	Assistant in Pediatrics
W. L. Brent, M.D.	Assistant in Pediatrics
J. J. McGarrell, M.D.	Assistant in Pediatrics

THIRD YEAR. Instruction during the third year consists of one lecture each week in which infant feeding and the most important diseases of infancy and childhood are especially emphasized. Drs. Ruhrah and Summers.

FOURTH YEAR. During this year a weekly clinical lecture is given where the character of disease is fully demonstrated and the students are afforded an opportunity for personal examination of all cases. In addition ward classes are held weekly where bedside instruction is given. A section of the class also works daily at the Babies' and Children's Clinic. This clinic, which is under the direction of Dr. Summers, has a yearly attendance of more than fifteen thousand, and offers an excellent opportunity for study and observation of a wide variety of cases under competent instructors.

Instruction is also given in the Children's Dispensary at the Mercy Hospital.

NEUROLOGY.

IRVING J. SPEAR, M.D.	Professor of Neurology
ANDREW C. GILLIS, A.M., M.D.	Professor of Neurology
G. M. SETTLE, A.B., M.D.	Associate Professor of Neurology
BENJAMIN PUSHKIN, M.D.	Associate in Neurology
MILFORD LEVY, M.D.	Instructor in Neurology
J. A. SKLADOWSKY, M.D.	Assistant in Neurology

THIRD YEAR. Lectures and recitations two hours each week to entire class throughout one semester. This course comprises the study of the anatomy and physiology of the nervous system, the method of neurological examination, and relationship of signs and symptoms to pathological conditions. The material at University and Mercy Hospitals is available.

Clinical Conference, one hour each week to the entire class. This subject is taught at the University and Mercy Hospitals. All cases presented at these clinics are carefully examined; complete written records are made by the students who demonstrate the cases before the class. These cases are usually assigned one or two weeks before they are presented, and each student in the class must prepare one or more cases during the year.

Ward Class Instruction. In small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the cases in the wards under the supervision of the instructor.

Dispensary Instruction. Small sections are instructed in the dispensaries of the University and Mercy Hospitals four afternoons each week. In this way students are brought into contact with nervous diseases in their earlier as well as later manifestations.

HYGIENE AND PREVENTIVE MEDICINE.

C. HAMPSON JONES, M.D., C.M.	Professor of Hygiene and Public Health
BIRCKHEAD McGOWAN, M.D.	Instructor in Hygiene and Public Health
J. F. HOGAN, M.D.	Instructor in Hygiene and Public Health

THIRD YEAR. Two lectures a week throughout the session. The lectures will encompass the fundamental subjects: Air, Water, Soil, Food, Disposal of Wastes, Communicable Diseases, State and Federal Public Health Laws, and Industrial Diseases.

MEDICAL JURISPRUDENCE.

H. J. MALDEIS, M.D.	Associate Professor of Medical Jurisprudence Baltimore City Post Mortem Physician

FOURTH YEAR. One hour each week for one semester.

Inasmuch as Medical Jurisprudence teaches the application of every branch of medical knowledge to the needs of the law, civil or criminal, this course embraces the following:—Proceedings in criminal and civil prosecution; medical evidence and testimony; identity in its general relations; sexual abnormalities; personal identity; impotence and sterility; rape; criminal abortions; signs of death; wounds in their medico-legal relations; death, natural and homicidal; malpractice; insanity and medico-legal autopsies.

DEPARTMENT OF SURGERY.

Arthur M. Shipley, Sc.D., M.D.	Professor of Surgery
Archibald C. Harrison, M. D.	Professor of Surgery
Alexius McGlannan, A.M., M.D.	Professor of Surgery
Joseph H. Branham, M.D.	Professor of Clinical Surgery
Nathan Winslow, A.M., M.D.	Clinical Professor of Surgery
Page Edmunds, M.D.	Clinical Professor of Industrial Surgery
Walter D. Wise, M.D.	Clinical Professor of Surgery
Joseph W. Holland, M.D.	Clinical Professor of Surgery
J. C. Lumpkin, M.D.	Clinical Professor of Surgery
H. C. Blake, M.D.	Associate Professor of Clinical Surgery
Frank S. Lynn, M.D.	Associate Professor of Surgery
Elliot H. Hutchins, A.M., M.D.	Associate Professor of Surgery
Thomas R. Chambers, A.M., M.D.	Associate Professor of Surgery
R. W. Locher, M.D.	Associate Professor of Operative and Clinical Surgery
E. H. Hayward, M.D.	Associate in Surgery
Frank J. Kirby, M.D.	Associate in Surgery
Charles Reid Edwards, M.D.	Associate in Surgery
A. M. Evans, M.D.	Associate in Surgery
F. L. Jennings, M.D.	Instructor in Surgery
H. M. Foster, M.D.	Instructor in Surgery
E. S. Johnson, M.D.	Instructor in Surgery
F. X. Kearney, M.D.	Instructor in Surgery
C. A. Reifschneider, M.D.	Instructor in Surgery
Charles W. Maxson, M.D.	Instructor in Surgery
Martin J. Hanna, M.D.	Instructor in Surgery
G. W. Bowden, M.D.	Assistant in Surgery
Dwight Mohr, M.D.	Assistant in Surgery
Wm. R. Geraghty, M.D.	Assistant in Surgery
S. Demarco, M.D.	Assistant in Surgery
O. H. Lloyd, M.D.	Assistant in Surgery
Clyde Marvel, M.D.	Assistant in Surgery
Everard Briscoe, M.D.	Assistant in Surgery
I. O. Ridgely, M.D.	Assistant in Surgery
H. B. McElwain, M.D.	Assistant in Surgery
C. F. Horine, M.D.	Assistant in Surgery
D. J. Passagno, M.D.	Assistant in Surgery
J. G. Onnen, M.D.	Assistant in Surgery
J. M. Hundley, Jr., M.D.	Assistant in Surgery

The teaching is in the Anatomical Laboratory and the dispensaries, wards, clinical laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and dead-house of the Municipal Hospitals at Bay View.

Instruction is given by means of lectures, recitations, dispensary work, bed-side instruction, ward classes, and clinics. The work begins in the second year, and continues throughout the third and fourth years.

Second Year.

Topographic and Surgical Anatomy. 10 hours a week for the first semester. The course is designed to bridge the gap between anatomy in the abstract, and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected when necessary to bring out outlines and relations of structures. Didactic lectures two hours weekly, augmented by demonstrations with specimens, charts, and cross-sections. Dr. Holland, assisted by Drs. Herbert M. Foster, J. M. Hundley, Jr., Martin J. Hanna, and Leo Brady.

Surgical Technique. The course includes history taking, first aid treatment, demonstration of use of tourniquet and other emergency appliances and surgical dressings, bandages, plaster, adhesive plaster, suture material, solutions; their preparation and use.

It includes also inflammation and suppuration, ulcers, gangrene, fistulae, sinuses, non-operative therapeusis, asepsis and antisepsis, the study of circulatory and respiratory failure, preparation of patients, dummy operations and written description of operation, splints, bed frames, bone plates, grafts and local anaesthesia.

Lectures and conferences two hours a week for one semester. Dr. Edwards.

Third Year.

General and Regional Surgery. Principles of surgery and general surgery, three hours a week throughout the year to the entire class, lectures, recitations and clinics. Dr. Shipley.

The class is divided into groups and receives instruction in history-taking, gross pathology, and surgical diagnosis—at the bedside and in the deadhouse of the Municipal Hospitals at Bay View. Drs. Shipley, Lynn and Reifschneider.

Operative Surgery. Instruction is given in operative surgery upon the cadaver and on dogs. The class is divided into sections, and each section is given practical and individual work under the supervision of the instructors. Dr. Frank S. Lynn, assisted by Drs. Nathan Winslow, Locher, Hayward, E. S. Johnson, Edwards, Foster, Reifschneider, Geraghty, Demarco, Kearney, Briscoe, Horine, Pessagno and Onnen.

Fractures and Dislocations. Twenty-four hours to the entire class. This course consists of instruction in the various forms of fractures and dislocations and their treatment, and serves as a preparatory course for clinical work. Dr. Wise.

Surgical Dispensary. Under supervision, the student takes the history, makes the physical examinations, attempts the diagnosis, and, as far as possible, carries out the treatment of the ambulatory surgical cases in the University and in the Mercy Hospitals. Mercy Hospital—Drs. Dwight Mohr, Ridgley, Passagno, Briscoe and McElwain. University Hospital—Drs Holland, Lynn, Nathan Winslow, Edwards, E. S. Johnson and Foster.

Fourth Year.

Clinics. A weekly clinic will be given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Drs. Harrison and McGlannan. University Hospital—Dr. Shipley.

Surgical Pathology. A weekly exercise of one hour at Mercy Hospital for one semester, at which specimens from the operating-room and museum are studied in the gross and microscopically, in relation with the case history. Dr. McGlannan.

Industrial Surgery. Operative and post-operative treatment of accident cases, with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. Edmunds.

Clinical Clerkship. The personal study of assigned hospital patients, under supervision of the staffs of University and of Mercy Hospitals, history taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

Ward Classes. Ward class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after care of operative cases. Mercy Hospital—Drs. Harrison, McGlannan, Wise, Elliot Hutchins, Evans and Chambers. University—Drs. Shipley, Holland, Edmunds, Lynn and Edwards.

ANAESTHESIA.

Second Year.

Lectures on history of anaesthesia: Ancient and Modern. General physiology of anaesthesia. Special physiology of each anaesthetic agent. Different methods for producing general anaesthesia, with a detailed description of each. The selection of the anaesthetic and method best suited for its administration in particular cases. Difficulties and accidents during and following anaesthesia, their causes, prevention and control. Different methods of resuscitation. Blood pressure: Its significance and bearing on selection of the anaesthetic and use as a guide during anaesthesia.

One hour weekly for one semester. Drs. S. Griffith Davis and W. G. Queen.

Fourth Year.

During the clinics and operations before small groups, each student will be required to observe the administration of anaesthetics and to keep a chart recording blood pressure, pulse and respiration under the direction of an instructor.

DERMATOLOGY.

T. Casper Gilchrist, M.R.C.S., L.S.A., M.D.	Professor of Dermatology
Melvin Rosenthal, M.D.	Associate Professor of Dermatology
John R. Abercrombie, A.B., M.D.	Associate in Dermatology
Harry M. Robinson, M.D.	Associate in Dermatology
Joseph E Gately, M.D.	Instructor in Dermatology
John A. Buchness, M.D.	Assistant in Dermatology

Clinical conferences one hour each week to entire class. This course will consist of demonstrations of the common diseases of the skin. Dr. Gilchrist.

Dispensary instruction, University Hospital, Mondays, Wednesdays and Fridays in the diagnosis and treatment of the common skin diseases. Drs. Abercrombie, Robinson and Gately. Dispensary instruction, Mercy Hospital. Dr. Rosenthal.

ORTHOPAEDIC SURGERY.

R. Tunstall Taylor, A.B., M.D.,	Professor of Orthopaedic Surgery
Albertus Cotton, A. M., M.D.	Professor of Orthopaedic Surgery
Compton Riely, M.D.	Clinical Professor of Orthopaedic Surgery
W. H. Daniels, M.D.	Associate in Orthopaedic Surgery
J. Albert Key, B.A., M.D.	Instructor in Orthopaedic Surgery
H. L. Wheeler, M.D.	Instructor in Orthopaedic Surgery
H. L. Rogers, M.D.	Assistant in Orthopaedic Surgery

In this course didactic, clinical, bed-side and out-patient instruction will be given. This instruction is provided in the University Hospital Amphitheater and in the Dispensary, Mercy Hospital and Dispensary and Kernan Hospital and Industrial School for Crippled Children at "Radnor Park," and in the Dispensary of same at 620 West Lombard Street.

Lectures, clinics and quizzes will be held at each of the hospitals once a week. In addition, a weekly bedside clinic will be held for small sections of the class at "Radnor Park."

The course will cover instruction in special methods and instruments required in this surgical specialty, including X-Ray technique; Wolff's law; tuberculosis of bones and joints; deformities of the feet; non-tuberculous deformities of the feet and joints; the paralyses; the bursal, tendinous and muscular conditions producing orthopaedic affections; rickets; scurvy; osteomalacia; chondro-dystrophies; wry-neck and the use and application of orthopaedic apparatus.

ROENTGENOLOGY AND RADIOTHERAPY.

Henry J. Walton, M.D.	Professor of Roentgenology
Albertus Cotton, M.D.	Professor of Roentgenology
John Evans, M.D.	Associate Professor of Roentgenology
Charles Reid Edwards, A.B., M.D.	Associate in Radio Therapy
Howard E. Ashbury, M.D.	Associate in Roentgenology

Instruction is given in the history, physics, and practical application of Roentgen Rays and Radium. Especial effort is made to demonstrate the use of the Roentgen Ray in diagnosis by instruction in both fluoroscopy and plate reading. The sections of the fourth year class receive two hours instruction each week.

The student is also taught the practical, application of Radium and Roentgen rays as therapeutic agents. In the X-ray laboratory and in the hospital wards students are shown the use of these agents in the treatment of disease.

DISEASES OF THE THROAT AND NOSE.

Edward A. Looper, M.D.,	Clinical Professor of Diseases of the Throat and Nose
Frank Dyer Sanger, M.D.	Professor of Diseases of the Throat and Nose
George W. Mitchell, M.D.,	Associate Professor of Diseases of the Throat and Nose
W. F. Zinn, M.D.	Associate Professor of Diseases of Throat and Nose
George Murgatroyd, M.D.	Associate in Diseases of the Throat and Nose
Frank B. Anderson, M.D.	Associate in Diseases of the Throat and Nose
R. F. McKenzie, M.D.	Instructor in Diseases of the Throat and Nose
R. J. Kemp, M.D.	Assistant in Diseases of the Throat and Nose

THIRD YEAR. Instruction to entire class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases, modern methods of diagnosis. Lectures are illustrated by lantern slides. Dr. Looper.

FOURTH YEAR. Dispensary Instruction daily to small sections at the University and the Mercy Hospitals. The student is given opportunity to study, diagnose and treat practical cases under an Instructor. Ward classes and clinical demonstrations are given one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

GENITO-URINARY DISEASES.

ANTON G. RYTINA, A.B., M.D.	Professor of Genito-Urinary Diseases
HARRIS GOLDMAN, M.D.	Associate in Genito-Urinary Diseases
W. H. TOULSON, M.D.	Associate in Genito-Urinary Diseases
A. J. GILLIS, M.D.	Instructor in Genito-Urinary Diseases
AUSTIN H. WOOD, M.D.	Instructor in Genito-Urinary Diseases
L. K. FARGO, M.D.	Instructor in Genito-Urinary Diseases
H. C. KNAPP, M.D.	Assistant in Genito-Urinary Diseases
H. T. COLLENBERG, M.D.	Assistant in Genito-Urinary Diseases
J. H. COLLINSON, M.D.	Assistant in Genito-Urinary Diseases
MILTON C. LANG, M.D.	Assistant in Genito-Urinary Diseases

Instruction in Genito-Urinary Surgery is given to members of the Junior and the Senior classes from both a practical and didactic standpoint. The course includes everything pertaining to modern urology, such as urethroscopy, cystoscopy, ureter catheterization, renal functional tests, urography, urine cultures, etc. The teaching consists of clinics in the amphitheater, ward rounds, and attendance by members of the Senior class upon out patients of the dispensary. The dispensary classes are carried on both at the Mercy and the University hospital dispensaries. In the latter institution, the Maryland State Department of Health conducts a venereal disease clinic, in which 23,000 visits were paid last year. Every variety of venereal disease is here encountered, and this rich wealth of material is available for teaching purposes. In addition to this, a cystocopic clinic is conducted in another part of the dispensary, where the students are given practical instruction in the modern, urological, diagnostic methods.

DISEASES OF THE COLON AND RECTUM.

G. Milton Linthicum, A.M., M.D.	Professor of Diseases of Rectum and Colon
Charles F. Blake, M.D.	Professor of Diseases of Rectum and Colon
J. Dawson Reeder, M.D.	Associate Professor of Diseases of Rectum and Colon
L. J. Rosenthal, M.D.	Associate Professor of Diseases of Rectum and Colon

Fourth Year. This course is for instruction in diseases of the Colon, Sigmoid Flexure, Rectum and Anus, and will cover the essential features of the anatomy and physiology of the large intestine, as well as the various diseases to which it is subject. The importance of diseased conditions and malpositions of the intestines, in relation to systemic disturbances, will be emphasized by demonstrations.

In small groups, the students will be taken into the wards and dispensaries of the University and the Mercy Hospitals, where different phases of the various diseases will be taught by direct observation and examination. The use of the proctoscope and sigmoidoscope in examination of the rectum and sigmoid will be made familiar to each student.

A course in Proctoscopy may be given in the City Hospitals at Bay View, where abundance of material is always obtainable.

DEPARTMENT OF OBSTETRICS.

J. M. H. Rowland, M.D.	Professor of Obstetrics
George W. Dobbin, M.D.	Professor of Obstetrics
Bernard Purcell Muse, M.D.	Professor of Clinical Obstetrics
Charles E. Brack, M.D.	Clinical Professor of Obstetrics
L. H. Douglass, M.D.	Associate Professor of Obstertics
J. McF. Bergland	Associate Professor of Obstetrics
H. S. Gorsuch, M.D.	Associate in Obstetrics
E. P. Smith, M.D.	Associate in Obstetrics
Emil Novak M.D.	Associate in Obstetrics
J. G. M. Reese, M.D.	Instructor in Obstetrics
Dudley Pleasants Bowe, M.D.	Instructor in Obstetrics
Stanley W. Matthews, M.D.	Instructor in Obstetrics
J. G. Murray, Jr., A.B., M.D.	Instructor in Obstetrics
F. H. Machin, M.D.	Assistant in Obstetric
Susanne R. Parsons, A.M., M.D., Ph.D.	Assistant in Obstetrics
Maurice Lazenby, M.D.	Assistant in Obstetrics
J. J. Erwin, M.D.	Assistant in Obstetrics

Third Year. Three lectures and recitations each week by Drs. Dobbin, Bergland and Novak to entire class. Manikin Work, Drs. Brack, Smith and Erwin to sections of class at Mercy Hospital, and Drs. Douglass, Reese, Matthews, Bowe, Machin, Gorsuch, Parsons and Rowland at University Hospital.

Fourth Year. Clinical Conference. One hour each week for one semester to University Hospital section. Drs. Rowland, Douglass, Murray and Lazenby.

Ward Classes. Six hours per week for five weeks to sections of class at University Hospital. Drs. Reese, Gorsuch, Parsons, Machin and Rowland.

DEPARTMENT OF GYNECOLOGY.

William S. Gardner, M.D.	Professor of Gynecology
J. Mason Hundley, M.D.	Professor of Clinical Gynecology
W. B. Perry, M.D.	Professor of Clinical Gynecology
Hugh Brent, M.D.	Associate Professor of Gynecology
Abraham Samuels, M.D.	Associate Professor of Gynecology
Geo. A. Strauss, M.D.	Associate in Gynecology
R. G. Willse, M.D.	Associate in Gynecology
T. K. Galvin, M.D.	Assistant in Gynecology
J. M. Hundley, Jr., M.D.	Assistant in Gynecology
Leo Brady, M.D.	Assistant in Gynecology

Third Year. *Didactic Work.* A course of thirty lectures and recitations.

Clinical Work. Six hours weekly for one trimester. In this course the student writes the clinical history of each patient in the ward, makes a general physical examination, including the blood and urine, before the patient is brought before the class. One student under supervision gives the anaesthetic, a pelvic examination is made by six students, and any operation required is then done before a section of the class small enough to see clearly what is being done and how it is done. On a subsequent day the whole group examine microscopically sections prepared from material removed from patients that have been before them.

DEPARTMENT OF OPHTHALMOLOGY AND OTOLOGY.

Harry Friedenwald, A.B., M.D.	Professor of Ophthalmology and Otology
J. W. Downey, M.D.	Clinical Professor of Otology
Clyde A. Clapp, M.D.	Associate Professor of Ophthalmology
M. Randolph Kahn, M.D.	Associate Professor of Ophthalmology
H. K. Fleck, M.D.	Associate in Ophthalmology
Joseph I. Kemler, M.D.	Associate in Ophthalmology
Frank Pacienza, M.D.	Assistant in Ophthalmology

THIRD YEAR. *Course in Diseases of the Eye.* October 2nd to January 18th. Dr. Harry Friedenwald.

Course in Diseases of the Ear, October 2nd to January 18th. Dr. Downey.

Practical Course in Ophthalmoscopy, once weekly, in sections. Dr. Kemler.

FOURTH YEAR. *Clinics in Diseases of the Eye and Ear,* weekly. Drs. Harry Friedenwald and Downey.

Ward Studies of ocular and oral lesions associated with general medical diseases, once weekly in sections.. Drs. Clapp, Downey and Fleck.

Dispensary Instruction, daily in small sections. Drs. Kahn, Fleck and Downey.

The courses in Ophthalmology and Otology are designed to familiarize the students with the common diseases of the eye and ear, their recognition and treatment, with a view to meet the needs of the general practitioner. Special emphasis is laid upon the relation between diseases of the eye and the ear and systemic diseases and diseases of other organs.

FIRST YEAR SCHEDULE—First Semester

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9 to 10	HISTOLOGY AND EMBRYOLOGY LABORATORY P. & S. 32				Histology P. & S. 34	Dissecting A. H. and Laboratory
10 to 11					Embryology P. & S. 34	
11 to 12.00	Transfer	Histology P. & S. 34	Transfer	Histology and Embryology Laboratory P. & S. 32	Transfer	
P. M. 12.00 to 12.30	Physiology A. H.	Lunch and Transfer	Physiology A. H.	Bacteriology P. & S. 34	Physiology A. H.	
12.30 to 1.00						
1 to 2	Lunch		Lunch	Lunch and P. & S. 34	Lunch	
2 to 5	ANATOMY AND DISSECTING A. H. and Laboratory					

Classes in Anatomy, Dissecting and Physiology at Lombard and Greene Streets; all other classes at Calvert and Saratoga Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
Anatomical Laboratory—Third Floor, Gray Laboratory—Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

FIRST YEAR SCHEDULE—Second Semester

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	HISTOLOGY AND EMBRYOLOGY LABORATORY P. & S. 32				Histology P. & S. 34	Dissecting A. H. and Laboratory
9.30 to 10.30					Embryology P. & S. 34	
10.30 11.30	Physiology P. & S. 34	Embryology P. & S. 34	Physiology P. & S. 34	Bacteriology P. & S. 34	Physiology P. & S. 34	
11.30 to 12.00	LUNCH					
P. M. 12 to 2	BACTERIOLOGY LABORATORY P. & S. 32					
2 to 2.30	TRANSFER					
2.30 to 5.30	ANATOMY AND DISSECTING A. H. and Laboratory					

Classes in Anatomy and Dissecting at Lombard and Greene Streets; all other classes at Calvert and Saratoga Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
Anatomical Laboratory—Third Floor, Gray Laboratory—Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

SECOND YEAR SCHEDULE—First Semester

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9 to 10	Physiology A. H.	Laboratory Physiology Section A Biological Chemistry Section B	Physiology A. H.	Laboratory Physiology Section B Biological Chemistry Section A	Pharmacology A. H.	Physiology L. B. 1
10 to 11	Biological Chemistry A. H.		Biological Chemistry A. H.		Biological Chemistry A. H.	Pharmacology A. H.
11 to 12.00	Pathology A. H.		Pharmacology A. H.		Pathology A. H.	Immunology A. H.
12.00 to 12.30	Lunch	LUNCH AND TRANSFER PERIOD				12-1 Pathology A. H.
P. M. 12.30 2.30	Laboratory Pharmacology Section A or B	Laboratory Immunology and Serology P. & S. 32		Medicine P. & S. 34	Immunology P. & S. 34	
2.30 3.30				Surgery P. & S. 34	Surgery P. & S. 34	1-1.30 Lunch
3.30 to 4.30	Neural Anatomy P. & S. 33 and Laboratory	Surgical Anatomy P. & S. 33 and Laboratory	Surgical Anatomy P. & S. 33 and Laboratory	Surgical Anatomy P. & S. 33 and Laboratory	Surgical Anatomy P. & S. 33 and Laboratory	1.30-4.30 Laboratory Pharmacology Section B or A
4.30 to 5.30						

Classes on Tuesdays, Wednesdays, Thursdays and Fridays from 12.30 to 5.30, at Calvert and Saratoga Streets; all other classes at Lombard and Greene Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
L. B. 1—Law Building—First Floor, Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

SECOND YEAR SCHEDULE—Second Semester

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Physiology A. H.	Laboratory Physiology Section A Biological Chemistry Section B	Physiology A. H.	Laboratory Physiology Section B Biological Chemistry Section A	Pharmacology A. H.	Physiology L. B. 1
9.30 to 10.30	Biological Chemistry A. H.		Biological Chemistry A. H.		Biological Chemistry A. H.	Pharmacology A. H.
10.30 to 11.30	Pathology A. H.		Pharmacology A. H.		Pathology A. H.	11 to 12 Pathology A. H.
11.30 to 12.00	LUNCH					Medical Clinic Amp.
P. M. 12 to 1	PATHOLOGY LABORATORY					
1 to 2	Laboratory Pharmacology Section A	Laboratory Pharmacology Section A	Physical Diagnosis Univ. Hosp. Disp.	Laboratory Pharmacology Section B	Laboratory Pharmacology Section B	
2 to 3						
3 to 4	Biological Chemistry Section B	Physiology Section B		Physiology Section A	Biological Chemistry Section A	
4 to 5						

All classes at Lombard and Greene Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
L. B.—Law Building—First Floor, Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital, S. W. Cor. Lombard and Greene Streets.

THIRD YEAR SCHEDULE

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Therapeutics C. H.	Pathology C. H.	Medicine C. H.	Surgery C. H.	Pathology C. H.	Surgery C. H.
9.30 to 10.30	Obstetrics C. H.	Surgery C. H.	Obstetrics C. H.	Medicine C. H.	Medicine C. H.	Therapeutics C. H.
10.30 to 1	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch
1 to 2	Medical Clinic Amp.	Surgery C. H.	Neurology P. & S. 33	Obstetrics P. & S. 33	Gynecology P. & S. 33	Transfer
2.15 to 4.15	Pathology Laboratory	Pathology Laboratory	2.30-4.30 Section A Clinical Medicine Surgery Gross Pathology at Bay View	Clinical Pathology Laboratory P. & S. 34, 32	Clinical Pathology Laboratory P. & S. 34, 32	2-4 Section B Clinical Medicine Surgery Gross Pathology at Bay View
4.15 to 5.15	Pediatrics A. H.	Eye and Ear C. H.	2.15-4.15 Section B Group Work Ophthalmoscopy Practical Obstetrics Univ. Hosp.	Preventive Medicine Legal Medicine Mental Hygiene P. & S. 34	Preventive Medicine P. & S. 34	

From 10.30 A. M. to 1.00 P. M. the class is divided into two sections, one section reporting at Calvert and Saratoga Streets, the other at Lombard and Greene Streets.
C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital, S. W. Cor. Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

* At the beginning of the second semester Section "A" at Bay View on Saturdays, 2-4 P. M., and University Hospital on Wednesdays, 2.15-4.15 P. M.; Section "B" at Bay View on Wednesdays, 2.30-4.30 P. M.

FOURTH YEAR SCHEDULE

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 11.00	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology
11.00 to 12.00	Orthopaedic Surgery Univ.Sec.Amp. P. & S. Sec. 51	Medical Clinic Univ.Sec.Amp. Surgical Pathology P. & S. Sec. 40	Clinical Pathological Conference Univ. Sec. C. H. P. & S. Sec. 33	Surgical Clinic Univ.Sec.Amp. P. & S. Sec. 51	Medical Clinic Univ.Sec.Amp. P. & S. Sec. 33	Pediatrics Clinic Univ.Sec.Amp. P. & S. Sec. 33
P. M. 12 to 2	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary
2.15 to 3.15	Dermatology Clinic (Full Class at Univ. Hosp.) Amp.	Neurology Clinic Univ.Sec.Amp. P. & S. Sec. 33	Eye and Ear Clinic (Full Class at Univ. Hosp.) Amp.	Genito-Urinary Clinic P. & S. Sec. 51 Obstetrical Clinic Univ. Hosp. Amp.	Gastro-Enterology Clinic (Full Class at Univ. Hosp.) Amp.	
3.30 to 5.00	Ward Classes Medicine Urology Eye and Ear	Ward Classes Therapeutics Proctology Radiotherapy	Ward Classes Medicine Roentgenology Preventive Medicine	Ward Classes Medicine Orthopaedic Surgery Physical Therapeutics	Ward Classes Neurology Nose & Throat Psychiatry	

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets, for one semester each, then rotate. Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

FIRST SEMESTER	SECOND SEMESTER
1st period, Oct 1 to Nov. 3	1st period, Jan. 28 to Mch. 1
2nd period, Nov 5 to Dec. 8	2nd period, Mch. 3 to Apr. 12
3rd period, Dec. 10 to Jan. 26	3rd period, Apr. 14 to May 17

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital.
P. & S., 33, 34—Second Floor, Calvert and Saratoga Streets.
P. & S., 40, 51—Fourth Floor, Calvert and Saratoga Streets.

REQUIREMENTS FOR MATRICULATION

Admission to the course in medicine is by a completed Medical Student Certificate issued by the Registrar of the University of Maryland. This certificate is obtained from the Registrar on the basis of satisfactory educational credentials, and is essential for admission to any class.

The requirements for the issuance of the Medical Student Certificate are:

(a) The completion of a standard four-year high school course or the equivalent, and in addition, at least

(b) Two years or sixty semester hours of college credits, including chemistry, biology, physics, and English.

Women are admitted to the School of Medicine of this University.

(A) HIGH SCHOOL REQUIREMENTS.

Graduation from an accredited high or preparatory school after pursuing a four-year course based upon an eight-year elementary course or its full equivalent as demonstrated by entrance examinations.

At least fifteen units must be offered.‡

SCHEDULE OF SUBJECTS REQUIRED OR ACCEPTED FOR ENTRANCE TO THE PRE-MEDICAL COLLEGE COURSE

Subjects	Units*	Required
GROUP I, ENGLISH—		
Literature and Composition	3–4	3
GROUP II FOREIGN LANGUAGES—		
Latin	1–4	2†
Greek	1–3	
French or German	1–4	
Other foreign languages	1–4	

GROUP III, MATHEMATICS—		
Elementary algebra	1	1
Advanced algebra	½–1	--
Plane geometry	1	1
Solid geometry	½	--
Trigonometry	½	--
GROUP IV, HISTORY—		
Ancient history	½–1	1
Medieval and modern history	½–1	
English history	½–1	
American history	½–1	
Civil government	½–1	
GROUP V, SCIENCE—		
Botany	½–1	1
Zoology	½–1	
Chemistry	1	
Physics	1	
Physiography	½–1	
Physiology	½–1	
Astronomy	½	
Geology	½–1	
GROUP VI, MISCELLANEOUS—		
Agriculture	1–2	--
Bookkeeping	½–1	--
Business law	½	--
Commercial geography	½–1	--
Domestic science	1–2	--
Drawing, freehand and mechanical	½–2	--
Economics and economic history	½–1	--
Manual training	1–2	--
Music: Appreciation or harmony	1–2	--

*A unit is the credit value of at least thirty-six weeks' work of four or five recitation periods per week, each recitation period to be not less than forty minutes. In other words a unit represents a year's study in any subject in a secondary school constituting approximately a quarter of a full year's work. A satisfactory year's work in any subject cannot be accomplished under ordinary circumstances in less than 120 sixty-minute hours, or their equivalent.

†Both of the required units of foreign language must be of the same language, but the two units may be presented in any one of the languages specified.

‡Of the fifteen units of high school work, nine units are required, as indicated in the foregoing schedule; the remainder may be made up from any of the other subjects in the schedule, provided that at least eleven units must be offered in Groups 1-V.

(B) DETAILS OF THE COLLEGE REQUIREMENT.

a. The preliminary college course shall extend through two college sessions of at least thirty-two weeks each of actual instruction, including final examinations.

b. In excellence of teaching and in content, the work of this preliminary college course shall be equal to the work done in the freshman and sophomore years in standard colleges and universities.

c. This preliminary college course shall include courses in physics, chemistry, biology, and English, each course to embrace at least six, eight or twelve hours of work in each subject, as shown in the schedule following.

SCHEDULE OF SUBJECTS OF THE TWO-YEAR PRE-MEDICAL COLLEGE COURSE.

Sixty Semester Hours Required

Required Courses:	*Semester Hours*
Chemistry (a)	12
Physics (b)	8
Biology (c)	8
English Composition and Literature (d)	6

Courses Strongly Urged:

A modern foreign language.
Comparative vertebrate anatomy.
Psychology.
Social science.

A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be of not less than fifty minutes' duration net, at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

(a) Chemistry. Twelve semester hours required, of which at least eight semester hours must be in general inorganic chemistry, including four semester hours of laboratory work. In the interpretation of this rule, work in qualitative analysis may be counted as general inorganic chemistry. The remaining four semester hours required shall consist of work in organic chemistry.

(b) Physics. Eight semester hours required, of which at least two must be laboratory work. This course presupposes a knowledge of plane trigonometry.

(c) BIOLOGY. Eight semester hours required, of which four must be laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology, or by courses of four semester hours each in zoology and botany, but not by botany alone.

(d) ENGLISH COMPOSITION AND LITERATURE. The usual introductory college course of six semester hours, or its equivalent, is required.

COMBINED COURSE IN ARTS AND MEDICINE.

The students who have completed the junior year in our School of Liberal Arts and who have made an approved choice of electives may, if they desire, do the entire work of the senior year in the medical school of the University. If they successfully complete the work of the first medical year they are graduated with their class with the degree of Bachelor of Arts.

By taking advantage of this privilege a man may complete the Undergraduate and Medical courses in seven years.

During three of these years, or until he has completed the work of the junior class, he is a resident student in the School of Liberal Arts at College Park, Maryland, and for four years he is a student in the School of Medicine in Baltimore.

At the end of the fourth year he receives the A. B. degree, and at the end of the seventh year the M. D. degree, but credit from the Medical School cannot be accepted in subjects for which credit has already been given in the School of Liberal Arts.

POST-GRADUATE STUDENTS.

Graduates in medicine desiring to take the work of the senior year without being candidates for the degree and, therefore, without examination, may receive a certificate of attendance on completing the full course satisfactorily.

The requirements for graduates in medicine admitted to the fourth year class as candidates for the degree of Doctor of Medicine are the same as those enforced against undergraduates admitted to advanced standing.

Summer Post-Graduate Courses—In the April number of the Bulletin detailed announcement will be made of the Post-graduate Summer Courses.

RULES.

1. All students are required to take the spring examinations unless excused by the Dean. No student will be permitted to advance from a lower to a higher class with conditions.

2. Should a student be required to repeat any year in the course he must pay regular fees.

3. A student failing in final examinations for graduation at the end of the fouth year will be required to repeat the entire course of the fourth year and to take examinations in such other branches as may be required, should he be again permitted to enter the school as a candidate for graduation.

4. The general fitness of a candidate for graduation will be taken into consideration by the Faculty as well as the results of his examination.

5. All first and second year students entering the School of Medicine of the University of Maryland are required to provide themselves with microscopes of a satisfactory type.

A standard microscope of either Bausch & Lomb, Leitz, Spencer Lens or Zeiss make, fitted with the following attachments, will fill the requirements:

Triple nose piece.
Wide aperture stage.
Quick screw condenser (Abbe).
10 x and 5 x Oculars.
16mm. and 4mm. Objectives.
1.9mm. 1.25 N.A. Oil Immersion Lens.

All the above rules, as well as the fees stated below, relate to the year ending June 6, 1925, only. The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the Faculty deem it expedient.

FEES.

Matriculation fee (paid once)	$10.00
Tuition fee (each year) for residents of Maryland	250.00
Tuition fee (each year) for non-residents	300.00
Laboratory fee (each year)	10.00
Special and re-examination fee	5.00
Graduation fee	10.00

No fees are returnable.

The above fees apply to all students who matriculate in this institution in any class for the session beginning October 1, 1924.

All students, after proper certification, are required to register at the Registrar's office. The last date of registration is September 29, 1924.

Matriculation, laboratory and tuition fees for the first semester shall be paid at the time of registration, and for the second semester on or before February 1, 1925.

Failure to meet these conditions will automatically debar the student from attendance on classes and other privileges of the University.

Students who fail to pay the tuition and other fees required on or before the last day of registration, for each term or semester, as stated in the catalogue, will be required to pay as an addition to the fees required the sum of Five ($5.00) Dollars and if the payment so required shall not be paid before twenty (20) days from the beginning of said term or semester, the students name shall be stricken from the rolls.

PRIZES AND SCHOLARSHIPS

FACULTY PRIZE.

To stimulate study among the candidates for graduation, the Faculty offers a Gold Medal to the candidate who passes the best general examination. Certificates of Honor are awarded to the five candidates standing next highest.

DR. JOSE L. HIRSH MEMORIAL PRIZE.

A prize of $50.00 is given each year by Mrs. Jose L. Hirsh as a memorial to the late Dr. Jose L. Hirsh, formerly Professor of Pathology in this School, to the student in the third year who has done the most satisfactory work in Pathology during his second and third years.

SCHOLARSHIPS.

The Dr. Samuel Leon Frank Scholarship.

(Value, $125.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this University.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Medical Council, "to a medical student of the University of Maryland, who, in the judgment of said Faculty, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student, who has successfully completed one year's work in this school, and no student may hold such scholarship for more than two years.

The Charles M. Hitchcock Scholarships.

(Value, $125.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M. D., an alumnus of the University.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University upon nomination by the Medical Council to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Faculty satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

The Randolph Winslow Scholarship.

(Value, $125.00)

This scholarship was established by Prof. Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Medical Council, to "a needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship.

"He must be a person of good character and must satisfy the Medical Council that he is worthy of and in need of assistance."

The Dr. Leo Karlinsky Scholarship.

(Value, $200.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the University.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Medical Council, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85 per cent. in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Medical council that he is worthy of and in need of assistance."

The University Scholarships.

Two Scholarships are awarded by the University. One to a student of the Department of Liberal Arts appointed by the President to be held for only one year; the other, which entitles the holder to exemption from payment of the tuition fee of the year, is awarded annually by the Medical Council to a student of the Senior Class who presents to the Medical Council satisfactroy evidence that he is of good moral character and is worthy of and in need of assistance to complete the course.

The St. John's Scholarship.

This scholarship is awarded annually by the Medical Council upon the nomination of the President of St. John's College.

It entitles the holder to exemption from the payment of the tuition fee of that year.

Frederica Gehrmann Scholarship.

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and entitles the holder to exemption from payment of tuition fees. The scholarship is awarded to a third year student who at the end of the second year passes the best practical examination in Anatomy, Physiology, Biological Chemistry, Pharmacology, Pathology, Immunology and Serology.

The Clarence and Genevra Warfield Scholarships.

(Valuation $300.00 each)

There are five scholarships established by the Regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships will be available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited or in a county selected by the Council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Council, the money advanced by the Regents shall be refunded. A bond in the amount of $1,200., the expense of which is borne by the Fund, must be filed by the student accepting one of these scholarships for faithful performance of the conditions imposed.

ANNUAL HOSPITAL APPOINTMENTS.

On February first of each session the following annual appointments are made from among the graduates of the school:

TO THE UNIVERSITY HOSPITAL

Two Resident Surgeons.
Two Resident Physicians.
One Resident Gynecologist.
One Resident Obstetrician.
One Resident Pathologist.
Thirteen Junior Residents on a rotating service.

A number of students are appointed each year, at the close of the session, as Clinical Assistants in the University Hospital for the summer months.

TO THE MERCY HOSPITAL

Chief Resident Physician.
Three Resident Surgeons.
One Resident Physician.
One Resident Gynecologist.
One Resident Obstetrician.
Eight Junior Residents on a Rotating Service.

NOTICE TO STUDENTS.

The personal expenses of the students are at least as low in Baltimore as in any large city in the United States, The following estimates of a student's personal expenses for the academic year of eight months have been prepared by students, and are based upon actual experience.

Items.	*Low*	*Average*	*Liberal*
Books	$27	48	75
College Incidentals	20	20	20
Board, eight months	200	250	275
Room rent	64	80	100
Clothing and laundry	50	80	150
All other expenses	25	50	75
Total	$386	$529	$695

Students will save time and expense upon their arrival in the city by going direct to the School of Medicine on the University grounds, N. E. corner of Lombard and Greene Streets, where the Superintendent of Buildings, who may be found at his office on the premises, will furnish them with a list of comfortable and convenient boarding houses suitable to their means and wishes.

The Dean will, if desired, attend to the collection of checks and drafts for students.

For further information, apply to

J. M. H. Rowland, M. D., *Dean,*
Lombard and Greene Streets.

MATRICULATES, UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS, 1923-24

POST-GRADUATE AND SPECIAL STUDENTS.

Apgar, Raymond, M.D.	Maryland
Carmine, Walter Mills, M.D.	Maryland
Davis, George Blackman, M.D.	Maryland
Drace, Charles C., M.D.	Missouri
Lawson, Wilmer E.	Maryland
Leitsch, Leland	Maryland
McClure, Mildred Maclii	Maryland
McDonald, Norval H., D.D.S.	Maryland
McLaughlin, Victor Bruce, M.D.	Maryland
Patterson, Rezir D., M.D.	North Carolina
Richardson, Charles, M.D.	Maryland
Slate, John W., M.D.	North Carolina
Slusher, Hamilton J., M.D.	Maryland
Stone, Otis Bush, M.D.	Maryland
Van Bibber, Armfield F., M.D.	Maryland
Zimmerman, Amelia V., M.D.	Maryland

Fourth Year Class.

Anderson, Albert Louis	Maryland
Anderson, Richard S.	North Carolina
Antonius, Nicholas	New Jersey
Aycock, Thomas B., B.S.	North Carolina
Barnes, Dimon Keith	Utah
Beerman, Herman Marlin	Pennsylvania
Bell, Roy Austin, B.S.	West Virginia
Berkson, Morris Irwin	Pennsylvania
Best, DeLeon Edward, A.B.	North Carolina
Beyer, Margaret Virginia	Pennsylvania
Boyd, Kenneth Bray	Maryland
Clawson, Thomas A. Jr., A.B.	Utah
Daughtridge, Arthur Lee	North Carolina
Davenport, Carlton A.	North Carolina
Dean, Hugh Elmer, A.B.	Utah
Edelman, Edward Isidor	New York
Fields, Daniel Allen	North Carolina
Finegold, Abraham	Pennsylvania
Fisher, Harry Richard	New York
Flax, Ira Isador	New Jersey
Frehling, Joseph Morris	Kentucky
Friedman, Irving	New Jersey
Goff, John Trevy, B.S.	West Virginia
Golembe, Julius, B.S.	New York
Granoff, Joseph Frank	New York
Greifinger, Marcus Harry	New Jersey
Grose, Robert Glenn, A.B.	North Carolina
Grossblatt, Philip	New Jersey
Howell, Clewell, B.S.	North Carolina
Jacobson, Philip	Maryland
Kafka, Maximilian Martyn, B.S.	New York
Knox, Joseph Clyde	North Carolina
Koons, Earle Weant, B.S.	Maryland
Kratz, Fred William	Maryland
Marsh, James Tolly, A.B.	Maryland
Marton, Samuel	New York
Maseritz, Isidore	Maryland
Maurillo, Dominick Francis	New York
McConnell, Harvey R., B.S.	South Carolina
McLane, William O., Jr., B.S.	Maryland
Megahan, Burke	Pennsylvania
Messenger, Benjamin	New York
Miller, Benjamin	Maryland
Miller, Jacob M.	Maryland
Miller Joseph G.	Maryland
Monroe, Clement R.	North Carolina
Moriarty, Louis	Connecticut
Morris, Philip	New York
Morrison, Wm. H., Jr., B.S.	Pennsylvania
Motta, Peter George, B.S.	Pennsylvania
Neustaedter, Theodore	New York
Nocera, Domingo	Porto Rico
Norment, John E., A.B.	Maryland
Owen, Thelma Viola	Maryland
Pachtman, Isadore	Pennsylvania
Parks, Walter Beatty	North Carolina
Perry, Arch H.	North Carolina
†Peterman, James E	Pennsylvania
Roberts, Bennett Watson	North Carolina
Robertson, Edwin Mason	North Carolina
Salvati, Leo Harry, B.S.	West Virginia
Saurborne, Sylvia M. B., B.S.	West Virginia
Scagnetti, Albert	New York
Scheindlinger, Morris I.	New York
Schlenger, Leo Brenner	New Jersey
Schultz, Louis Ariel	New York
Schwab, Joseph Henry	New York
Scimeca. Antonio Adolfo	New York
Seliger, Robert V.	New York
Shapiro, Ralph N.	New Jersey
Siegel, Samuel	Ohio
Tabershaw, Arnold Leon	New York
Talbott, Richard B., B.S.	West Virginia
Theuerkauf, Frank Joseph	Pennsylvania
Warren, Bryan Pope	North Carolina
Weinstock, Alexander A.	New York
Whaley, Thomas Bravard	Maryland
Zaslow, John	New York

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† A member of the Class of 1923 who was prevented from graduating on account of illness. He was graduated on February 1, 1924.

Third Year Class.

Balcerzak, Stanley Paul	Pennsylvania
Briglia, Nicholas Natale	Pennsylvania
Brown, Leo T.	District of Columbia
Byerly, Marshall Paul	North Carolina
Cadle, Wm. Rodman	Maryland
Cardinale, Pasquale F.	New Jersey
Caso, Jose	Porto Rico
Clahr, Abraham Albert	New York
Coe, John M.	Maryland
Coonan, Thomas J., A.B.	Maryland
Cope, Arthur A., A.B.	Pennsylvania
Dodd, Benjamin R., A.B.	North Carolina
Dodge, Eva Francette, A.B.	North Carolina
Draper, L. McF., A.B.	North Carolina
Dreskin, Jacob Louis	New Jersey
Eastland, John S.. A.B.	New York
Elgin, Lee William	Maryland
Ellis, Francis A., A.B.	Maryland
Epstein, Harry Herman	New York
Everett, Franklin R.	Maryland
Fancher, H. W., Jr., B.S.	Connecticut
Farber, Raphael	Pennsylvania
Fields, Abijah Clements	Alabama
Fischman, Harold	New Jersey
Friedman, Bernard	New York
Fuchs, Abner M.	New York
Gale, Louis Harry	Pennsylvania
Gaston, William Bryan	West Virginia
Gattens, Wilber Elton, B.S.	Maryland
Glick, Samuel, A.B.	Maryland
Gurley, Hubert Taylor	North Carolina
Hall, Cecil Maurice, B.S.	West Virginia
Hammond, Kent Cato, B.S.	West Virginia
Herbert, Alpha Nathan	New Jersey
Hertz, Ben	New York
Hofler, Ralph Hayes	North Carolina
Howell, James Gerald, B.S.	Pennsylvania
Hulla, Jaroslav	Maryland
Jacobs, Maurice Albert	Maryland
Keating, John Patrick	Connecticut
Kimbrough, Joseph W., Jr.	North Carolina
Knotts, William Kenneth	Maryland
Laus, Edward Raymond	New Jersey
Leibensperger, George F.	Pennsylvania
Lennon, William Earle	North Carolina
Linde, S. Arthur	Maryland
London, Daniel	New York
Lowe, Claude Milton	Pennsylvania
McAnally, Alfred Loomis	North Carolina
Miller, Edgar R., A. B.	Pennsylvania
Minnefor, Chas. A.	New Jersey
Montani, Anthony Carmen, B.S.	Ohio
Nataro, Joseph	New Jersey
Navarro, V. A., A.B.	Philippine Islands
Nelson, James Wharton, A.B.	Maryland
Nock, Randolph Maxwell	Maryland
Oshrin, Henry	New Jersey
Pinsky, Myer Mordecai	New Jersey
Plassnig, Edwin, B.S.	Maryland
Polizzotti, Joseph L.	New Jersey
Pulaski, Leo Edward	Pennsylvania
Rathsprecher, Isadore	New Jersey
Reynolds, Knight, B.S.	West Virginia
Richmond, Lewis Cass, Jr., A.B.	Kentucky
Roberts, Bryan Nazer, A.B.	North Carolina
Sarnoff, Jack	New York
Silverstein, Jacob Maurice	New Jersey
Simon, Joseph R.	Pennsylvania
Simpson, Henry Hardy, A.B.	North Carolina
Sinton, William Allen	Virginia
Spelsberg, Walter W., B.S.	West Virginia
Staeck, Felix Cecil, B.S.	West Virginia
Sulman, William R.	Pennsylvania
Tomaiuoli, Michael Francis	New Jersey
Turner, Thomas Bourne, B.S.	Maryland
Vila-Morales, Jaime	Porto Rico
Visconti, Joseph A.	New Jersey
Ward, Titus William, A.B	North Carolina
Wasserweig, Martin Max	Pennsylvania
Widmeyer, Robert S., B.S.	West Virginia
Wiener, Joseph	New York
Wilson, Paul R., B.S.	West Virginia
Winstead, John Lindsay	North Carolina
Zimmerman, Charles C.	Maryland

Second Year Class.

Alperin, Benjamin	New York
Anker, Harry	Ohio
Askin, Aaron John, A.B.	Maryland
Ballard, Maggie Byrnside	West Virginia
Beachley, Jack Henson	Maryland
*Beamon, Horace V., A.B.	North Carolina
Bloch, Adolph	New Jersey
Blough, Homer C., B.S.	Pennsylvania
Bronstein, Irving	New York
Calvin, Warren E., B.S.	Maryland
Cohen, Morris, A.B.	Maryland
*Coniff, Arthur A., A.B.	Maryland
D'Angelo, Antonio F.	Rhode Island
DeVincentis, Henry	New Jersey
Diamond, H. Elias, B.S.	New York
DiPaula, Frank Rosario, A.B.	Maryland
Eanet, Paul	Maryland
Edmonds, Charles William	Maryland
Fine, Morris Aaron	Maryland
Finklestein, Abraham Harry	New York
Freedman, Herman	New Jersey
Freedman, Max	New Jersry

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* Did not complete course.

Second Year Class.

Freuder, Arthur Nathan	New York
Gahan, Emanuel	New York
Geraghty, Francis J., A.B.	Maryland
Gerber, Isadore, A.B.	Maryland
Gordon, Abel	New Jersey
Helfond, David Mathew	New York
Hibbitts, John Thomas	Maryland
Hyman, Calvin, A.B.	Maryland
Jensen, Jacob Roed, B.S.	Denmark
Jolson, Meyer Stanley, A.B.	Maryland
Knapp, Alphonse Joseph, A.B.	Pennsylvania
*Kralikauckas, Joseph	New Jersey
Lavy, Louis Theodore	Maryland
Levin, H. Edmund	Maryland
Levin, Joseph	New Jersey
Lumpkin, Lloyd Uber, B.S.	Maryland
Lusby, Frank Farrier, A.B.	Maryland
Manginelli, Emanuel	New York
Martino, George Caprio	New Jersey
Mattikow, Bernard, B.S.	New York
Merkel, Walter C., A.B.	Pennsylvania
Miller, Harry	New York
Misenheimer, Ed. Alex.	North Carolina
Moriconi, Albert Francis	New Jersey
*Naylor, Singleton T., B.S.	Maryland
*Norment, Clinton Crawford	Maryland
*O'Boyle, Thomas Joseph	Pennsylvania
Polsue, William Clewell	West Virginia
Rattenni, Arthur	Rhode Island
Reifschneider, Herbert E., A.B.	Maryland
Rex, Elmer Galen	Ohio
Rocco, Frank	New Jersey
Roseman, Ned	New York
Rosenberg, Albert Abraham	Pennsylvania
Rosenfield, Max Harry, A.B.	Maryland
*Rosenstein, Jacob	New York
Rothberg, Abraham S., B.S.	New York
Sashin, David	New York
Sax, Benjamin J.	New York
Schenker, Paul	Maryland
Schmukler, Jacob	New Jersey
Schneider, David, A.B.	Maryland
Schuman, William, A.B.	Maryland
Schwartz, Ralph Alfred	New Jersey
Shanklin, William M., B.S.	Maryland
Sherman, Elizabeth Bowman, A.B.	Virginia
Spano, Frank	New York
*Taub, Samuel	New York
Tayntor, Lewis Olds, Ph.C.	Pennsylvania
Teitelbaum, Maurice L.	New York
Thompson, Thomas Payne, A.B.	Maryland
Tobias, Herbert Ramsey	Maryland
Totterdale, William G., A.B.	Maryland
Trubek, Max, A.B.	New Jersey
Weinstein, Samuel	New Jersey
Weiss, Louis Leo	New York
Weseley, Louis Jerome	New York
Wolfe, Samuel Benjamin	Maryland

First Year Class.

Adzima, Joseph Matthew	Connecticut
Aptaker, Albert Jack	New York
Armacost, Joshua Harper	Maryland
Bankhead, John M., B.S.	South Carolina
Basil, George Chester, Ph.G.	Maryland
Belsky, Hyman	New York
Benesunes, Joseph George, A.B.	Maryland
Bialostosky, Julius, B.S.	New York
Birnbaum, Joseph Osias	New York
Cadden, John Francis, Jr.	West Virginia
Carey, Thomas Nelson	Maryland
Castronovo, Joseph	Rhode Island
Chase, William Wiley, A.B.	Maryland
Christian, William	Pennsylvania
Clemson, Earle Princeton	Maryland
Cohen, Bernard J., Ph.G.	Maryland
Cohen, Morris Daniel	New York
Custy, Edward Guilbert, A.B.	Maryland
Davis, Henry Vincent	Maryland
Derwin, James Francis	Connecticut
Donchi, Sol Marvin, B.S.	New Jersey
Eliason, Harold William	West Virginia
Feldman, Jacob	New York
Foster, William Abram	Pennsylvania
Friedman, Meyer Henry	New Jersey
Gambale, Francis Joseph	Connecticut
Gellar, Abraham, B.S.	New York
Gill, Charles Edward	Deleware
Gillis, Francis Winfred	Maryland
Ginsberg, Henry	Maryland
Glass, Louis Joseph, Ph.G.	Maryland
Glick, Bernard	New Jersey
Goldberg, Isidore	New Jersey
Goldstein, Milton Joseph	New York
Grossfeld, Michael Joseph	Maryland
*Hecker, Nathaniel, Ph.G.	Maryland
Heisley, Rowland S.	Maryland
Hewitt, J. F., A.B. (Chemistry)	Maryland
Hummel, Ira Lee Cottrell	New Jersey
Jones, Ora Reed	Ohio
Kahan, Philip J.	New York
Karns, Clyde Fillmore, B.S.	Maryland
*Katzen, Abraham, A.B.	Maryland
Kaufman, Israel, B.S.	New York
Klawans, Maurice Francis	Maryland
Kutner, Charles	New Jersey
Lassman, Samuel, B.S.	New York
Lazow, Sol M.	New York

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* Did not complete course.

First Year Class.

Lenson, Byruth King	Maryland
Leyko, Julius Joseph, A.B.	Maryland
Lilly, Goff Platt	West Virginia
Littman, Irving I.	Maryland
*Marcin, Thomas George, A.B.	Maryland
Matassa, Vincent Louis	Maryland
McKee, Albert Vincent	Pennsylvania
Michel, George Charles	Maryland
Moore, George Richard	Connecticut
Moran, John E., Ph.G.	New Hampshire
Morris, Francis Kailer, A.B.	Maryland
*Newman, Richard D.	Maryland
Nussbaum, Samuel	New York
Peake, Clarence William	Kentucky
*Peltekian, Panos Sarkis, A.B.	Maryland
Phillips, John Roberts, A.B.	Maryland
Repasky, John	Ohio
Rich, Benjamin S., A.B.	Maryland
Roetling, Carl Paul	New York
Ruiz, Emilio M.	Porto Rico
Rutter, Joseph Howard	Florida
Saffell, James Glen	Maryland
Schenker, Benjamin Nathan	New Jersey
*Schmidt, George Henri	Maryland
Schnierer, Samuel Benjamin	Connecticut
Schwedel, John Bernard	Maryland
Singer, Jack Jerome	Maryland
Smith, Paul L.	Pennsylvania
Sobkov, Samuel	Maryland
Sparta, Tony	Pennsylvania
Stacy, Theodore E., Jr., Ph.G.	Maryland
Stonesifer, Chas. Hiram A. B.	Maryland
Susser, Max Herman	New Jersey
Swank, James Levy	Pennsylvania
Swartzwelder, Wallace Ray	Pennsylvania
Teague, Francis Bailey	Virginia
Tenaglia, Entimio D.	Rhode Island
Tollin, Louis	New Jersey
Tumminnello, Salvatore A.	Maryland
Upton, Hiram Eugene	Vermont
Voigt, Herman Albert	Maryland
Von Schulz, Augustine Paul	Maryland
Wack, Frederick Van Deursen	New Jersey
Waesche, Frederick Seton, A.B.	Maryland
*Werner, Sidney Edwin	Maryland
*White, Buelah May	Maryland
Wilner, Joseph Walter	New York
Whittington, Claude T.	North Carolina
Wohlreich, Joseph Jacob	New Jersey
Wollak, Theodore	Maryland

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* Did not complete course.

GENERAL SUMMARY OF STUDENTS ATTENDING THE UNIVERSITY OF MARYLAND SESSION OF 1923-24

College of Agriculture	291
College of Arts and Sciences	301
College of Commerce and Business Administration	547
School of Dentistry	486
College of Education	287
College of Engineering	198
Graduate School	77
College of Home Economics	28
School of Law	552
School of Medicine	340
School for Nurses	117
School of Pharmacy	188
Summer School, 1923	452
Total	3864
Duplications	135
Net Total	3729

GRADUATES OF UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS,

JUNE 7, 1924.

Anderson, Albert Louis	Maryland
Anderson, Richard S.	North Carolina
Antonius, Nicholas	New Jersey
Aycock, Thomas B., B.S.	North Carolina
Barnes, Dimon Keith	Utah
Beerman, Herman Marlin	Pennsylvania
Bell, Roy Austin, B.S.	West Virginia
Berkson, Morris Irwin	Pennsylvania
Best, DeLeon E., A.B.	North Carolina
Beyer, Margaret Virginia	Pennsylvania
Boyd, Kenneth Bray	Maryland
Clawson, Thomas Alfred, Jr., A.B.	Utah
Daughtridge, Arthur Lee	North Carolina
Davenport, Carlton A.	North Carolina
Dean, Hugh Elmer, A.B.	Utah
Edelman, Edward Isidor	New York
Fields, Daniel Allen	North Carolina
Finegold, Abraham	Pennsylvania
Fisher, Harry Richard	New York
Flax, Ira Isador	New Jersey
Frehling, Joseph Morris	Kentucky
Friedman, Irving	New Jersey
Goff, John Trevy, B.S.	West Virginia
Golembe, Julius, B.S.	New York
Granoff, Joseph Frank	New York
Greifinger, Marcus Harry	New Jersey
Grose, Robert Glenn, A.B.	North Carolina
Grossblatt, Philip	New Jersey
Howell, Clewell, B.S.	North Carolina
Jacobson, Philip	Maryland
Kafka, Maximilian M., B.S.	New York
Knox, Joseph Clyde	North Carolina
Koons, Earle Weant, B.S.	Maryland
Kratz, Fred William	Maryland
Marsh, James Tolly, A.B.	Maryland
Marton, Samuel	New York
Maseritz, Isidore	Maryland
Maurillo, Dominick Francis	New York
McConnell, Harvey R., B.S.	South Carolina
McLane, William O., Jr., B.S.	Maryland
Megahan, burke	Pennsylvania
Messinger, Benjamin	New York
Miller, Benjamin	Maryland
Miller, Jacob M.	Maryland
Miller, Joseph G.	Maryland
Monroe, Clement R.	North Carolina
Moriarty, Louis	Connecticut
Morris, Philip	New York
Morrison, Wm. H., Jr., B.S.	Pennsylvania
Motta, Peter George, B.S.	Pennsylvania
Neustaedter, Theodore	New York
Nocera, Domingo	Porto Rico
Norment, John E., A.B.	Maryland
Owen, Thelma Viola	Maryland
Pachtman, Isadore	Pennsylvania
Parks, Walter Beatty	North Carolina
Perry, Arch H.	North Carolina
†Peterman, James E.	Pennsylvania
Roberts, Bennett Watson	North Carolina
Robertson, Edwin Mason	North Carolina
Salvati, Leo Harry, B.S.	West Virginia
Saurborne, Sylvia M. B., B.S.	West Virginia
Scagnetti, Albert	New York
Scheindlinger, Morris I.	New York
Schlenger, Leo Brenner	New Jersey
Schultz, Louis Ariel	New York
Schawb, Joseph Henry	New York
Scimeca, Antonio Adolfo	New York
Seliger, Robert V.	New York
Shapiro, Ralph N.	New Jersey
Siegel, Samuel	Ohio
Tabershaw, Arnold Leon	New York
Talbott, Richard B., B.S.	West Virginia
Theuekauf, Frank Joseph	Pennsylvania
Warren, Bryan Pope	North Carolina
Weinstock, Alexander A.	New York
Whaley, Thomas Bravard	Maryland
Zaslow, John	New York

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* Graduated February 1, 1924.

PRIZEMEN.

University Prize,—Gold Medal, Louis Ariel Schultz

Certificates of Honor.

Alexander A. Weinstock
Marcus H. Griefinger
Kenneth Bray Boyd
Robert Victor Seliger
Antonio H. Scimeca
Jonn E. Norment
Jerome Frank Granoff
Clewell Howell
William Oliver McLane, Jr.

In the third year the Dr. Jose L. Hirsh Memorial Prize of $50.00 was awarded to Thomas J. Coonan, A.B., for the best work in Pathology during the second and third years.

ALUMNI ASSOCIATION OF THE SCHOOL OF MEDICINE.

President.

Robert L. Mitchell, M.D.

Vice-Presidents.

C. H. Metcalf, M.D.
W. P. E. Wyse, M.D.
J. Hubert Wade, M.D.

Recording Secretary.

Charles W. Maxson, M.D.
827 N. Charles St.,
Baltimore, Md.

Assistant Recording Secretary.

Nathan Winslow, M.D.

Corresponding Secretary.

Austin H. Wood, M.D.,
817 Park Avenue,
Baltimore, Md.

Treasurer.

Herbert C. Blake, M.D.,
1014 W. Lafayette Ave.,
Baltimore, Md.

Executive Committee.

Wm. S. Love, M.D.
A. D. McConachie, M.D.
Frank Jennings, M.D.
Geo. F. Sargent, M.D.
H. A. Cantwell, M.D.

Advisory Committee.

Frank Keating, M.D.
S. Griffith Davis, M.D.
J. K. B. E. Seegar, M.D.
A. E. Goldstein, M.D.
H. F. Hill, M.D.

Necrologist.

W. J. Todd, M.D.

University Council.

Robert L. Mitchell, M.D.
Charles Bagley, M.D.

Hospital Council.

Charles Bagley, M.D.
G. Milton Linthicum, M.D.

Annual meeting of the Alumni Association June 2, 1925.
Annual dinner of the Alumni Association, June 4, 1925.

ENDOWMENT FUND.

The following, all Alumni of the University, constitute the Board of Trustees of this Fund:

Harry Adler, M.D.
J. M. H. Rowland, M.D.
Randolph Winslow, A.M., M.D., LL. D.
John B. Thomas, Ph.G.
Daniel Baker, Jr.
Horace M. Davis, D.C.D.
Arthur M. Shipley, Sc.D., M.D.

This Board is incorporated by act of the Legislature of the State, its legal title being "The Trustees of the Endowment Fund of the University of Maryland," and is independent and self-perpetuating. Its powers are limited *to the expenditure of the interest derived from the fund,* which is to be applied in the discretion of the Board for the benefit of the University. Contributions, donations and bequests are solicited from Alumni and friends. They may be made to the general or University Fund, to the Medical Fund or to any other department of the University. If intended for the School of Medicine, they may be given to the general medical fund or to some special object, as building, research, library, pathology, hospital, publication, laboratories, gymnasium, scholarship, medal, prize, etc., in which case the wishes of the donor will be strictly regarded. Attention is invited to the "Charles Frick Research Fund," already established in memory of that distinguished investigator. Checks should be made payable to B. Horace M. Davis, D.C.D., Treasurer, Professional Building, Baltimore, Md.

FORMS OF DEVISE OR BEQUEST.

To School Of Medicine.

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic--
(Here state amount or describe property).

To Endowment Fund.

I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic----------------
(Here state amount or describe property).

SCHOOLS OF NURSING.

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING.

FACULTY AND INSTRUCTORS.

Superintendent of Nurses and Director of School of Nursing—
Annie Crighton, R.N.

Assistant Superintendent of Nurses—
Stella R. Ricketts, R.N.

Instructor in Nursing—
Janet Nesbitt Smith, R.N.

Instructor in Nursing and Supervisor of Wards—
Louise L. Savage, R.N.

Assistant Instructor in Nursing and Supervisor of Wards—
Grace Elgin, R.N.

Instructor in Surgical Technique for Nurses
and
Supervisor of Operating Pavilion—
Elizabeth Aitkenhead, R.N.

Instructor in Dietetics—
Miriam Connelly

Instructor in Massage—
Edith Walton

Instructor in Social Service—
Grace Pearson, R.N.

Helen Dunn, R.N.	Night Supervisor
Mary E. Rolph, R.N.	Supervisor—Nurses Home
Jane Moffat, R.N.	Supervisor—Dispensary
Lena Stauffer, R.N.	Head Nurse—Obstetrical Ward
Ida Nagel, R.N.	Head Nurse Private Hall
Leona McMahon, R.N.	Head Nurse Private Hall

LECTURERS FROM THE SCHOOL OF MEDICINE.

Anatomy.
C. L. Davis, M.D.

Physiology.
C. C. Conser, M.D.

Bacteriology
F. W. Hachtel, M.D.

Chemistry.
Frank N. Ogden, M.D.

Materia Medica
C. C. Habliston, M.D.

Medicine
Maurice C. Pincoffs, M.D.
Joseph E. Gichner, M.D.
H. M. Stein, M.D.
L. A. M. Krause, M.D.
J. Harry Ullrich, M.D.

Pediatrics
Charles L. Summers, M.D.

Psychiatry and Neurology
G. M. Settle, M.D.

Skin and Venereal Diseases
Harry M. Robinson, M.D.

Ophthalmology
Harry Friedenwald, M.D.

Otology.
J. W. Downey, M.D.

Surgery
Arthur M. Shipley, M.D.

Laryngology and Rhinology
E. A. Looper, M.D.

Gynecology
Hugh Brent, M.D.

Orthopaedic Surgery
R. Tunstall Taylor, M.D.

Obstetrics
L. H. Douglass, M.D.
Social Service
Special Lecturers.

STUDENTS ENROLLED 1923-24

Seniors	32
Intermediates	21
Juniors and Preparatory	21
Total	74

GENERAL STATEMENT.

The University of Maryland School for Nurses was established in the year 1889.

Since that time it has been an integral part of the University Hospital, coming under the same government.

The school is non-sectarian, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 250 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing including experience in the operating room.

The school offers the student nurse unusual advantages in its opportunity for varied experience and in its thorough curriculum taught by best qualified instructors and members of the Medical Staff of the University.

ADMISSION—Requirements: In order to become a candidate for admission to the Training School, application must be made in person or by letter, to the Superintendent of Nurses. An application by letter should be accompanied by a statement from a clergyman testifying to good moral character and from a physician certifying to sound health and unimpaired faculties. No person will be considered who is not in a good physical condition between the ages of 18 and 35. She must also show that she has a High School education or its equivalent. This is the minimum requirement, as women of superior education and culture are given preference provided they meet the requirements in other particulars.

The fitness of the applicant for the work and the propriety of dismissing or retaining her at the end of her term of probation, is left to the decision of the Superintendent of Nurses. Misconduct, disobedience, insubordination, inefficiency, or neglect of duty are causes for dissmissal at any time by the Superintendent of Nurses, with the approval of the President of the University.

Time: Students are admitted in February, June and September.

HOURS ON DUTY: During the probation term the students are on duty not more than six hours daily. During the Junior, Intermediate and Senior years, the students are on eight hour day duty, with six hours on Sunday and Holidays, and ten hour night duty. The night duty periods are approximately two months each, with one day at the termination of each term for rest and recreation. The period of night duty is approximately five or six months during the three years.

SICKNESS: A physician is in attendance each day, and when ill all students are cared for gratuitously. The time lost through illness in excess of two weeks, during the three years must be made up. Should the authorities of the school decide that through the time lost the theoretical work has not been sufficiently covered to permit the student to continue in that year, it will be necessary for her to continue her work with the next class.

VACATIONS: Vacations are given between June and September. A period of three weeks is allowed the student at the completion of the first year and four weeks at the completion of the second year.

EXPENSE: A student receives her board, lodging and a reasonable amount of laundry from the date of entrance. During her period of probation she provides her own uniforms made in accordance with the hospital regulations. After being accepted as a student nurse she wears the uniform furnished by the hospital. The student is also provided with textbooks and in addition to this is paid five dollars ($5.00) a month. Her personal expenses during the course of instruction and training will depend entirely upon her individual habits and tastes.

GENERAL PLAN OF INSTRUCTION.

The course of instruction covers a period of three years.

JUNIOR YEAR.

First Term.

The Junior Year is divided into two periods. The first term is the preparatory period (4 months) and the second the junior term.

In the preparatory term the student is given practical instruction in:—

I. The making of hospital and surgical supplies. The cost of hospital materials, apparatus and surgical instruments.
II. Household economics and the preparation of foods.
III. The hospital out-patients department and dispensary.

During this term the practical work is done under constant supervision, and teaching is given correlatively.

Excursions are made to markets, hygienic dairies, linen rooms, laundry and store room.

The maximum number of hours per week in formal instructions divided into laboratory and lecture periods is thirty hours and includes courses in Anatomy and Physiology, Dietetics, Materia Medica, Personal Hygiene, Drugs and Solutions, Household Economics, Short course in Ethics and History of Nursing.

At the close of the first half of Junior Year the students are required to pass satisfactorily both the written and oral tests, and failure to do so will be sufficient reason to terminate the course at this point.

SUBSEQUENT COURSE.

The course of instruction, in addition to the probationary period, occupies two and three-fourths years, and students are not accepted for a shorter period.

After entering the wards, the students are constantly engaged in practical work under the immediate supervision and direction of the head nurses and instructors.

JUNIOR YEAR.

Second Term.

During this period the students receive theoretical instruction in Massage, Bacteriology, General Surgery and Introductory Medicine. Practical instruction is received in the male and female, medical, surgical and childrens' wards.

INTERMEDIATE YEAR.

During this period the theoretical instruction includes Pediatrics, General Medicine, Infectious Diseases, Obstetrics, Gynecology and Orthopaedics. The practical work provides experience in the nursing of obstetrical and gynecological patients, in the operating rooms and the out-patient department.

SENIOR YEAR.

During this period the student receives short courses of lectures on subjects of special interest. This includes a consideration of the work of institutions of public and private charities, of settlements, and various branches of professional work in nursing.

Experience is given in executive and administration work to those showing exceptional ability in the Senior Year. With these students conferences are held on administration and teaching problems.

EXAMINATIONS: At the end of the first half year, students are examined in Anatomy, Physiology, Materia Medica, Dietetics and Hygiene. At the end of the first year in Surgery and Bacteriology.

During the second year they are examined in Urinalysis, Massage, Gynecology, General Medicine, Infectious Diseases, Obstetrics and Pediatrics. At the end of the third year the final examination in Nervous and Mental Diseases, Diseases of Special Senses, Venereal Diseases, Ethics and History of Nursing.

Examinations—which are both written and oral—include practical tests, and the standing of the student is based upon the general character of work throughout the year, as well as the results of the examinations. Students must pass all subjects before entering upon the work of the following year.

GRADUATION: The diploma of the School will be awarded to those who have completed satisfactorily the full term of three years and have passed successfully the final examinations.

SCHOLARSHIPS: One scholarship has been established by the Alumnae of the Training School. It entitles a nurse to six weeks course at Teachers College, New York. This scholarship is awarded at the close of the third year to the student whose work has been of the highest excellence, and who desires to pursue post-graduate study and special work.

An Alumnae Pin is presented by the Women's Auxiliary Board to the student who at the completion of three years shows exceptional executive ability.

Graduates, 1924.

Alexander, Edith	North Carolina
Appleton, Pauline	Pennsylvania
Barnes, Merian	North Carolina
Bell, Janet	Connecticut
Bennett, Alice	Maryland
Bennett, Pearl	Maryland
Brude, Lucy	Maryland
Callaway, Esther	Deleware
Compton, Pinkie	West Virginia
Copenhaver, Elizabeth	Maryland
Davis, Marie	Maryland
Fisher, Mary	Maryland
Forrest, Lola	Maryland
Headley, Sarah	Virginia
Hoopes, Madeline	Maryland
Hughes, Claire	Maryland
Kraft, Dorothy	Maryland
McCormack, Margaret	Massachusetts
Morgart, Helen	Pennsylvaniz
Moore, Rachel	Maryland
Pope, Jane	North Carolina
Scott, Jane	Maryland
Schaale, Bernice	Maryland
Shaffer, Mary	Maryland
Slez, Irene	Maryland
Spencer, Lenora	Maryland
Sponsler, Mary	Pennsylvania
Tillinghast, Robina	North Carolina
Thomas, Kathryn	Pennsylvania
Thompson, Icelene	Maryland
Whitworth, Esther	Maryland
Wertz, Gladys	South Carolina

THE MERCY HOSPITAL TRAINING SCHOOL FOR NURSES.

The Mercy Hospital Training School for Nurses, conducted by the Sisters of Mercy, was organized and incorporated under the general laws of the State of Maryland in 1899. Its first students were graduated in 1901; and on the passage of the bill for registration in 1904, the Sisters of Mercy, connected with the Hospital service, received certificates as registered nurses.

The Training School was affiliated with the Board of Regents of the State of New York in 1906; and in the same year the

Alumnae Association was incorporated, having been previously connected with the Associated Alumnae of the United States.

The graduates, as active members, have been much interested in the movements of the Maryland Association of Graduate Nurses, to whom they have given every encouragement to uplift the profession in its many works of district nursing, tuberculosis campaign, Red Cross movements, etc.

The requirements for entrance are: Highest moral standing, health, intelligence and a High School education or its equivalent. The age limit is twenty to thirty-five years.

After a three months' probation, candidates, if they posesss the necessary qualifications, are admitted to the Training School proper, receiving five dollars a month wherewith to secure text-books, etc., the education they receive being considered their compensation. The right is reserved to dismiss pupils for any cause which may be deemed sufficient by the Sister Superior or Superintendent.

The course of training comprises three years of theory and practice. The clinical advantages are exceptional. The medical, surgical, orthopaedic, gynecological, obstetrical, children's and dietetic departments give valuable practical experience. The nurses are taught the theory of nursing by class recitations and demonstrations by efficient Sister instructors. Supplementing this training is a course of lectures from the professors of the University of Maryland School of Medicine, who are untiring in their efforts to keep the School abreast with modern scientific developments.

GRADUATES, CLASS 1924.

Sister Mary DeSales Burke
Alley, Katherine Ursula
Hunter, Lillian Frances
Price, Gertrude Dolan
Burke, Kathryn Teresa
Bockmier, Rita Catherine
Dutra, Helen Alice
Maguire, Helen Agnes
Smith, Alice Hildegard
Streett, Genivieve Maria
Shatzer, Florence
O'Connor, Margaret Mary
Lancaster, Alice Marie
Sister Mary Anita Stoutenburgh
Kirchner, Margaret Adelaide
Smith, Esther Christiana
Fahey, Mary Catherine
Zerhusen, Anna Louis
McHale, Mary Lawrence
Dougherty, Anna Marguerite
Kramer, Margaret Mary
O'Neill, Bernice Gertrude
Maher, Alice Mary
Dailey, Margaret Mary
Collins, Mae Caroline
Laughlin, Mary Elizabeth
Mulcahy, Catherine Frances

VOL. X JULY, 1925 No. 1

OFFICIAL PUBLICATION
OF THE
UNIVERSITY OF MARYLAND.

BULLETIN
OF THE
SCHOOL OF MEDICINE.

1807-1856-1920

ANNUAL ANNOUNCEMENT
SESSION 1925-1926

PUBLISHED FOUR TIMES A YEAR
JANUARY, APRIL, JULY AND OCTOBER
LOMBARD AND GREENE STREETS
BALTIMORE, MD.

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BULLETIN

OF THE

University of Maryland School of Medicine

AND

College of Physicians and Surgeons

Successor to THE HOSPITAL BULLETIN of the University of Maryland, BALTIMORE MEDICAL COLLEGE NEWS, and the JOURNAL of the Alumni Association of the College of Physicians and Surgeons.

VOL. X. **JULY, 1925** **No. 1**

ANNUAL ANNOUNCEMENT.

SESSION 1925-26

CALENDAR

1925 - 1926

SCHOOL OF MEDICINE

1925.

September 21 to 25, Inc.—Examinations for advanced standing.

September 28—Instruction begins with the first scheduled period.

October 5—Last day for registration.

November 11—Holiday (Armistice Day).

November 26—Holiday (Thanksgiving Day.)

December 19—Christmas recess begins after the last scheduled period.

1926.

January 4—Instruction resumed with the first scheduled period.

February 6—Last day for registration (second semester).

February 22—Holiday (Washington's Birthday).

April 1—Easter recess begins after the last scheduled period.

April 6—Instruction resumed with the first scheduled period.

June 5—Commencement Day.

THE UNIVERSITY OF MARYLAND

Control of the University of Maryland is vested in a Board of nine Regents, appointed by the Governor and confirmed by the Senate for terms of nine years each. The general administration of the University is vested in the President. The University Council is an advisory body, composed of the President, the Assistant to the President, the Director of the Agricultural Experiment Station, the Director of the Extension Service, and the Deans. The University Council acts upon all matters having relation to the University as a whole, or to co-operative work between the constituent groups. Each school has its own Faculty Council, composed of the Dean and members of its Faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organization:

The College of Agriculture,
The College of Engineering,
The College of Arts and Sciences,
The School of Medicine,
The School of Law,
The School of Dentistry,
The School of Pharmacy,
The College of Education,
The College of Home Economics,
The Graduate School,
The Summer School,
The Department of Physical Education and Recreation,
The School of Business Administration.

The Schools of Medicine, Law, Dentistry, Pharmacy and Business Administration are located in Baltimore; the others in College Park, Maryland.

BOARD OF REGENTS
OF THE
UNIVERSITY OF MARYLAND

Samuel M. Shoemaker, Esq., *Chairman*	Term expires 1934
Robert Crain, Esq	Term expires 1933
John M. Dennis, Esq., *Treasurer*	Term expires 1932
Dr. Frank J. Goodnow	Term expires 1931
John E. Raine, Esq	Term expires 1930
C. C. Gelder, Esq	Term expires 1929
Dr. W. W. Skinner, *Secretary*	Term expires 1928
B. John Black, Esq	Term expires 1927
Henry Holzapfel, Jr., Esq	Term expires 1926

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UNIVERSITY OF MARYLAND
SCHOOL OF MEDICINE
AND
COLLEGE OF PHYSICIANS AND SURGEONS

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Frank Dyer Sanger, M.D.	Nose and Throat

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George McLean, M.D., Assistant Professor of Medicine.
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Monte Edwards, M.D., Assistant in Surgery and Genito-Urinary Surgery.
A. C. Monninger, M.D., Assistant in Dermatology.
M. Alexander Novey, M.D., Assistant in Obstetrics and Pathology.
Isador A. Siegel, M.D., Assistant in Obstetrics and Pathology.
John A. O'Connor, M.D., Assistant in Surgery.
Lawrence S. Otell, M.D., Assistant in Pathology.

University of Maryland School of Medicine
and
College of Physicians and Surgeons.

As a result of the merger accomplished in 1915 the combined schools offer the student the abundant resources of both institutions, and, in addition, by earlier combination with the Baltimore Medical College, the entire equipment of three large medical colleges.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was chartered in 1807, under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties, of Divinity, of Law, and of Arts and Sciences, and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

Established thus for more than a century, the School of Medicine of the University of Maryland has always been a leading medical college, especially prominent in the South and widely known and highly honored throughout the country.

The beautiful college building at Lombard and Greene Streets, erected in 1814-1815, is the oldest structure in America devoted to medical teaching. Here was founded one of the first medical libraries and the first medical college library in the United States.

Here for the first time in America dissecting was made a compulsory part of the curriculum; here instruction in Dentistry was first given (1837), and here were first installed independent chairs for the teaching of Diseases of Women and Children (1867) and of Eye and Ear Diseases (1873).

The School of Medicine was one of the first to provide for adequate clinical instruction by the erection in 1823 of its own hospital, and in this hospital intramural residency for the senior student was first established.

In 1913, juncture was brought about with the Baltimore Medical College, an institution of 32 years' growth. By this association the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated under Legislative enactment in 1872, and established on Hanover Street in a building afterwards known as the Maternite, the first obstetrical hospital in Maryland. In 1878 union was affected with the Washington University School of Medicine, in existence since 1827, and the College was removed to its present location at Calvert and Saratoga Streets. By this arrangement medical control of the City Hospital, now the Mercy Hospital, was obtained, and on this foundation in 1899 the present admirable college building was erected.

ORGANIZATION OF THE SCHOOL OF MEDICINE

LABORATORY AND CLINICAL FACILITIES.

THE LABORATORIES.

The laboratories are located at two centers, the group of buildings at Greene and Lombard Sts., and the Building at Calvert and Saratoga Sts. The schedule is so adjusted that the laboratory periods are placed with a view of obviating unnecessary movement on the part of the classes. The building known as Gray Laboratory, at Greene and Lombard Sts., houses three departments. The Anatomical Laboratory is placed upon the top floor, where skylights and an auxiliary modern system of electric lighting gives adequate illumination of the subjects. On this floor are the office of the department and the necessary preparation rooms.. The Department of Pharmacology occupies the second floor. There is a large room for the general student laboratory, which is thoroughly equipped with apparatus of recent acquisition, and in addition contains many instruments of unique and original design. With office and stock-room adjoining, this laboratory is complete for student experimentation. On the first floor of Gray Laboratory is the Department of Physiology. In addition to the large student laboratory, which is constructed for sections of forty-five students, there are rooms for the departmental office, preparation of material, and storage of apparatus. An additional room is devoted exclusively to mammalian experiments. In this building there is maintained an animal room where is kept an abundance of material for experimental purposes. The embalming and storage plant for the Department of Anatomy is in physical connection with the building and its special department. The laboratories of physiology and pharmacology are completely equipped with apparatus lockers so that in accord with the best ideas of instruction, the students work in groups of two each, and each group has sufficient apparatus so that the experimental work can be carried on without delay or recourse to a general stock-room.

The laboratories of Pathology and Biochemistry are located on the third floor of the Dental Building. The former department has a large student laboratory with a capacity of ninety; the tables are so placed as to secure the most satisfactory illumination for microscopic work, in addition, all of the tables are electrically equipped for substage illumination. This equipment is also provided for all laboratories where microscopic work obtains. The museum of the Department of Pathology adjoins the student laboratory. Here are available for demonstration about fifteen hundred carefully prepared and mounted specimens, and for laboratory instruction and study, the material from more than two hundred autopsies with complete clinical histories. Several preparation, research, and office rooms communicate with the other rooms of this department. The laboratory of Biochemistry is constructed and equipped for sections of fifty. The laboratory is completely equipped for the facilitation of work. The office and stock-room adjoin. In the Main Building is the Museum of Anatomy, where are arranged for student reference, specimens which represent the careful selection of material over a period of many years. In the University Hospital is the Student Laboratory for the analytical studies of those students who are serving as clinical clerks on the wards. A similar laboratory is maintained in the building at the N. W. corner of Saratoga and Calvert Sts., for the student work on the wards of the Mercy Hospital.

In this latter building are two laboratories for Bacteriology, Histology, and Clinical Pathology, and an additional dissecting room which is used for the course in Topographical Anatomy. The two laboratories accommodate ninety students or the full class, and are equipped with necessary lockers for microscopes and apparatus. Each of the departments housed in this building are provided with their individual offices, preparation, and stockrooms.

CLINICAL FACILITIES.

UNIVERSITY HOSPITAL.

The University Hospital which is the property of the University of Maryland, is the oldest institution for the care of the sick in the State of Maryland. It was opened in September, 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for eye cases.

The present hospital has a capacity of 275 beds devoted to general medicine, surgery, obstetrics and the various medical and surgical specialties. It is equipped with a thoroughly modern X-ray department and clinical laboratory, and a postmortem building which is constructed with special reference to the instruction of students in *pathological anatomy.*

The hospital is situated opposite the medical school buildings so that the students lose no time in passing from the lecture halls and laboratories to the clinical amphitheater, dispensary and wards.

Owing to its situation, being adjacent to the largest manufacturing district of the city and the shipping district, large numbers of accident cases are received. These combined with the cases of many sick seamen and with patients from our own city furnish a large amount of clinical material. Accommodations for thirty obstetrical patients are provided in the hospital for the purpose of furnishing actual obstetrical experience to each member of the graduating class.

In connection with the University Hospital an out-door obstetrical clinic is conducted, in which every case has careful pre-natal supervision, is attended during labor by a physician and graduate nurse—one senior student also being present—and is visited during the puerperium by the attending student and graduate nurse. Careful prenatal, labor and puerperal records are kept, making this work of extreme value to the medical student, not only from the obstetrical standpoint, but in making him appreciate the value of social service and public health work.

During the year ending May 31, 1925, 372 cases were delivered in the hospital and 874 cases in the out-door department. Each student in the graduating class delivered an average of fifteen cases.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: Medicine, Surgery, Obstetrics, Children, Eye and Ear, Genito-Urinary, Gynecology, Gastro-Enterology, Neurology, Orthopaedics, Proctology, Dermatology, Throat and Nose, Tuberculosis and Psychiatry.

All students in their junior year work in the departments of Medicine and Surgery each day in one of the dispensaries.

All students in their senior year work in the special departments one hour each day.

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A. M. Shipley, M.D., Sc.D., *Head of the Department of Surgery.*

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Miss Annie Crighton, R.N., *Superintendent of Nurses.*

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G. M. Shriver,

W. B. Brooks,

Miss Florence Sadtler, *Representing Woman's Auxiliary Board.*

Representing Hospital Staff.

Page Edmunds, M.D.

G. Carroll Lockard, M.D.

Representing Medical Alumni.

Charles Bagley, M.D.

G. Milton Linthicum, M.D.

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Charles W. McElfresh, M.D.
Roscoe C. Metzel, M.D.
Paul W. Clough, M.D.
Maurice C. Pincoffs, M.D.
G. Carroll Lockard, M.D.
Jos. E. Gichner, M.D.
Wm. H. Smith, M.D.

Gastro-Enterologist.

Julius Friedenwald, A.M., M.D.

Neurologist.

Irving J. Spear, M.D.

Psychiatrist.

R. M. Chapman, M.D.

Pediatrician.

Charles L. Summers, M.D.

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S. Lloyd Johnson, M.D.
Paul R. Rockwood, M.D.

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Joseph W. Holland, M.D.
Page Edmunds, M.D.
Nathan Winslow, M.D.
Frank S. Lynn, M.D.
Charles Reid Edwards, M.D.

Laryngologist.

Edward A. Looper, M.D.

Proctologists.

G. Milton Linthicum, A.M., M.D.
J. Dawson Reeder, M.D.

Orthopaedic Surgeons.

R. Tunstall Taylor, A.B., M.D.
Compton Riely, M.D.

Genito-Urinary Surgeon.

W. H. Toulson, A.B., M.Sc., M.D.

Roentgenologists.

Henry J. Walton, M.D.
Howard E. Ashbury, M.D.

Dermatologist.

Henry M. Robinson, M.D.

Anaesthetists.

S. Griffith Davis, M.D.
Samuel W. Moore, DD.S.
W. G. Queen, M.D.

Obstetricians.

J. M. H. Rowland, M.D.
J. G. M. Reese, M.D.
L. H. Douglass, M.D.
Dudley Pleasants Bowe, M.D.

Ophthalmologists and Otologists.

Harry Friedenwald, M. D.
William Tarun, M.D.
Hiram Woods, A.M., M.D.
J. W. Downey, M.D.

Gynecologists.

J. Mason Hundley, M.D.	W. S. Gardner, M.D.
Hugh Brent, M.D.	R. G. Willse, M.D.

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Resident Physician.

T. A. Clawson, M.D.

Assistant Resident Physician.

Edwin M. Robertson, M.D.

Resident Surgeon.

J. Ogle Warfield, M.D.

Assistant Resident Surgeons.

Richard S. Anderson, M.D.

J. R. Bishop, M.D.

Resident Obstetrician.

Frederick A. Snyder, M.D.

Assistant Resident Obstetrician.

Joseph H. Schwab, M.D.

Resident Gynecologist.

Kenneth B. Boyd, M.D.

Resident Pediatrician.

Rachel Korotky, M.D.

Internes.

M. P. Byerly, M.D.
Thomas J. Coonan, M.D.
Eva F. Dodge, M.D.
Lee Wm. Elgin, M.D.
A. C. Fields, M.D.
Wm. B. Gaston, M.D.
Samuel Glick, M.D.
Cecil M. Hall, M.D.
Wm. K. Knotts, M.D.
Lewis C. Richmond, Jr., M.D.
W. E. Lennon, M.D.
A. L. McAnally, M.D.

UNIVERSITY HOSPITAL DISPENSARY STAFF.

Medicine.

H. M. Stein, M.D., *Chief of Clinic.*

H. M. Bubert, M.D.
F. L. Badagliacca, M.D.
D. Corbin Streett, M.D.
B. P. Warner, M.D.
Roscoe C. Metzel, M.D.
L. L. Gordy, M.D.
William Michel, M.D.
A. L. Fehsenfeld, M.D.

Diseases of Stomach and Intestine.

J. H. Ullrich, M.D., *Chief of Clinic.*

Joseph Sindler, M. D.
Z. Morgan, M.D.
M. S. Koppelman, M.D.
N. J. Davidov, M.D.
W. Armstrong, M.D.

Pediatrics.

Charles L. Summers, M.D., *Professor of Pediatrics.*

C. Loring Joslin, M.D., *Chief of Clinic.*

W. H. Ingram, M.D.
H. H. Warner, M.D.
B. J. Ferry, M.D.
W. J. Todd, M.D.
C. R. Goldsborough, M.D.
G. E. Wells, M.D.
F. S. Orem, M.D.
F. B. Smith, M.D.
W. L. Brent, M.D.
W. E. Cole, M.D.
Albert Jaffe, M.D.
J. H. Traband, M.D.
W. G. Geyer, M.D.
H. W. Wheaton, M.D.
C. E. Macke, M.D.
H. J. Dorf, M.D.
H. R. Lickle, M.D.
G. A. Knipp, M.D.
J. J. McGarrell, M.D.
H. A. Rutledge, M.D.

Neurology.

Irving J. Spear, M.D., *Professor of Neurology.*

G. M. Settle, M.D., *Chief of Clinic.*

J. A. Skladowsky, M.D.
B. Pushkin, M.D.

Psychiatry.

R. M. Chapman, M.D., *Professor of Psychiatry.*
H. S. Sullivan, M.D.

Tuberculosis.

C. C. Habliston, M.D., *Chief of Clinic.*

Surgery.

Charles Reid Edwards, M.D., *Chief of Clinic.*

H. M. Foster, M.D.
C. A. Reifschneider, M.D.
E. S. Perkins, M.D.
C. F. Horine, M.D.
E. S. Johnson, M.D.
W. R. Johnson, M.D.
James Brown, M.D.
S. H. Culver, M.D.
J. A. O'Connor, M.D.

Orthopaedic Surgery.

R. Tunstall Taylor, A.B., M.D., *Professor of Orthopaedic Surgery.*
Compton Riely, M.D. *Chief of Clinic.*

W. H. Daniels, M.D.
H. L. Wheeler, M.D.

Genito-Urinary.

W. H. Toulson, M.D., *Chief of Clinic.*

Harris Goldman, M.D.
J. H. Collinson, M.D.
H. T. Collenberg, M.D.
Milton C. Lang, M.D.
H. C. Knapp, M.D.
L. K. Fargo, M.D.

X-Ray.

Henry J. Walton, M.D., *Roentgenologist.*

Dermatology.

H. M. Robinson, M.D., *Chief of Clinic.*

J. E. Gately, M.D.

Gynecology.

R. G. Willse, M.D., *Chief of Clinic.*

J. M. Hundley, Jr., M.D.
Leo Brady, M.D.
Nathan Winslow, M.D.
George L. Wissig, M.D.

Obstetrics.

L. H. Douglass, M.D. *Chief of Clinic.*

Dudley Pleasants Bowe, B.A., M.D.
J. G. M. Reese, M.D .
Isadore A. Siegel, M.D.
M. Alexander Novey, M.D.
Thelma V. Owen, M.D.

Eye and Ear.

HARRY FRIEDENWALD, M.D., *Professor of Ophthalmology and Otology.*
J. W. DOWNEY, M.D.
H. L. SINSKY, M.D., *Chief of Clinic.*
CHARLES CAHN, M.D. JOHN G. RUNKEL, M.D.

Nose and Throat.

E. A. LOOPER, M.D., *Clinical Professor of Diseases of Throat and Nose*
FRANK B. ANDERSON, *Chief of Clinic.*
J. G. ALEXANDER, M.D. CHARLES J. NORTON, M.D.

Social Service.

MISS GRACE PEARSON, *Directress.*

UNIVERSITY HOSPITAL DISPENSARY REPORT.

January 1, 1924, to December 31, 1924.

	Cases		
	New	Old	Total
Pediatrics	2,280	17,578	19,858
Dermatology	3,161	3,580	6,741
Medicine	1,105	3,452	4,557
Obstetrics	1,414	4,310	5,724
Surgical	1,975	6,830	8,805
Ophthalmology	1,510	3,325	4,835
Gynecology	1,078	1,648	2,726
Orthopedics	305	3,050	3,355
Nose and Throat	887	932	1,819
Neurology	220	1,136	1,356
Gastro-Enterology	240	759	999
Tuberculosis	223	203	426
Proctology	18	36	54
Psychiatry	151	113	264
Cystoscopy	65	178	243
Genito-Urinary	398	1,196	1,594
	15,030	48,326	63,356

In addition to the above there were treated in the State Venereal Clinic 22,346 patients.

MERCY HOSPITAL.

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of administering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present Hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space has compelled the erection of additions, until now there are accommodations for 351 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

Mercy Hospital is located in the center of a city of 800,000 inhabitants.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

It adjoins the College building, and all surgical patients from the public wards are operated upon in the College operating rooms. This union of the Hospital and College buildings greatly facilitates the clinical teaching, as there is no time lost in passing from one to the other.

Mercy Hospital is the hospital of the United Railways and Electric Company of Baltimore City, and receives patients from the Baltimore and Ohio Railroad Company and from the Pennsylvania Railroad Company and its branches.

BOARD OF GOVERNORS

Samuel S. Shoemaker. Esq., *Chairman*

Sister M. Carmelita
Sister M. Thomasina
Sister M. Hilda
Sister M. Beatrice
Sister M. Florence
Sister M. Louise
Alexius McGlannan, A.M., M.D., LL.D.
Julius Friedenwald, A.M., M.D.
W. D. Wise, M.D.
H. G. Beck, M.D.
F. D. Sanger, M.D.
T. K. Galvin, M.D.

MERCY HOSPITAL STAFF.

SURGICAL DIVISION.

Archibald C. Harrison, M.D.
C. F. Blake, M.D.
Alexius McGlannan, A.M., M.D., LL.D.
W. D. Wise, M.D.

Associate Surgeons.

Elliot H. Hutchins, M.D.
R. H. Locher, M.D.
Thomas R. Chambers, M.D.
A. M. Evans, M.D.
F. L. Jennings, M.D.
F. X. Kearney, M.D.

Assistant Surgeons.

I. O. Ridgley, M.D.
N. C. Marvel, M.D.
Everard Briscoe, M.D.
Chas. Maxson, M.D.
H. B. McElwain, M.D.
D. J. Pessagno, M.D.

Ophthalmologist and Otologist.

Harry Friedenwald, M.D.

Associates.

H. K. Fleck, M.D.
J. W. Downey, M.D.

Rhinologists and Laryngologists.

Frank D. Sanger, M.D.
George W. Mitchell, M.D.

Associate Rhinologists and Laryngologists.

W. F. Zinn, M.D.
Raymond McKenzie, M.D.

Proctologist.

Charles F. Blake, M.D.

Associate.

L. J. Rosenthal, M.D.

Orthopaedic Surgeon.

Albertus Cotton, M.D.

Associate.

H. L. Rogers, M.D.

Urologists.

A. G. Rytina, M.D.
A. J. Gillis, M.D.

MEDICAL DIVISION.

Physicians.

Maurice C. Pincoffs, M.D.
William F. Lockwood, M.D.
Cary B. Gamble, M.D.
Standish McCleary, M.D.
H. G. Beck, M.D.

Associates.

Hubert C. Knapp, M.D.
E. E. Mayer, M.D.
C. C. W. Judd, M.D.
Bartus T. Baggott, M.D.
J. W. Martindale, M.D.
G. McLean, M.D.
Leon Freedom, M.D.

Assistant.

H. R. Peters, M.D.

Gastro-Enterologist.

Julius Friedenwald, M.D.

Associates.

T. Frederick Leitz, M.D.
Theodore Morrison, M.D.

Assistants.

Maurice Feldman, M.D.
Joseph Sindler, M.D.

Pediatrcians.

John Ruhrah, M.D.
Edgar B. Friedenwald, M.D.

Assistant.

F. B. Smith, M.D.

Neurologist and Psychiatrist.

Andrew C. Gillis, M.D.

Assistant.

Milford Levy, M.D.

Dermatologist.

Melvin Rosenthal, M.D.

OBSTETRICAL DIVISION.

Obstetricians.

Charles Brack, M.D.
Geo. W. Dobbin, M.D.

Associate Obstetricians.

E. P. Smith, M.D.
T. K. Galvin, M.D.
J. J. Erwin, M.D.

GYNECOLOGICAL DIVISION.

Gynecologists.

William S. Gardner, M.D.
Abraham Samuels, M.D.
George A. Strauss, M.D.

Associate Gynecologists.

T. K. Galvin, M.D.
E. P. Smith, M.D.

PATHOLOGICAL DIVISION.

Pathologists.

Standish McCleary, M.D.
Hugh R. Spencer, M.D.

Clinical Pathologists.

H. T. Collenberg, M.D.
John G. Huck, M.D.
Emil G. Schmidt, Ph.D.

Technicians—Sister M. Joan, Ph.G., R.N., Anna Chenoweth, R.N.

X-RAY DEPARTMENT.

Radiographers.

Albertus Cotton, M.D.
Harry L. Rogers, M.D.

MERCY HOSPITAL RESIDENT STAFF.

Resident Physicians.

F. B. Dart, M.D., *Chief Resident Physician.*
E. C. Swift, M.D., *Assistant Resident Physician.*

Resident Surgeons.

H. F. Bongardt, M.D., *Chief Resident Surgeon.*
W. W. Walker, M.D., *Assistant Resident Surgeon.*
J. M. Frehling, M.D., *Assistant Resident Surgeon.*
Emil Adler, M.D., *Assistant Resident Surgeon.*
F. W. Kratz, M.D., *Assistant Resident Surgeon.*
J. E. Norment, M.D., *Assistant Resident Surgeon.*

Resident Gynecologist.

P. G. Mottu, M.D.

Internes.

L. T. Brown, M.D.
R. J. Fields, M.D.
L. H. Gale, M.D.
E. C. Donohue, M.D.
J. P. Keating, M.D.
E. J. Kielar, M.D.
C. M. Lowe, M.D.
Edward Plassnig, M.D.
L. E. Pulaski, M.D.

DISPENSARY STAFF OF MERCY HOSPITAL.

Surgery.

Supervisors.

Alexius McGlannan, M.D.
W. D. Wise, M.D.

Attending Surgeons.

A. M. Evans, M.D.
D. H. Mohr, M.D.
I. O. Ridgely, M.D.
Clyde Marvel, M.D.
Everard Briscoe, M.D.
H. B. McElwain, M.D.

Genito-Urinary Surgery.

A. J. Gillis, M.D.

Orthopaedic Surgery.

Albertus Cotton, M.D.
Harry L. Rogers, M.D.
K. M. Golley, M.D.

Medicine.

Supervisors, Wm. F. Lockwood, M.D., M. C. Pincoffs, S.B., M.D.

Attending Physicians.

Herman Seidel, M.D.
Wetherbee Fort, M.D.
F. N. Hillis, M.D.
B. T. Baggott, M.D.
H. R. Peters, M.D.

Diseases of Stomach.

Supervisor, JULIUS FRIEDENWALD, M.D.

Attending Physicians.

T. FREDERICK LEITZ, M.D.
M. FELDMAN, M.D.
THEODORE H. MORRISON, M.D.
JOSEPH SINDLER, M.D.
S. ZINBERG, M.D.
A. EISENBERG, M.D.
J. N. ZIERLER, M.D.
I. I. LEVY, M.D.
E. E. GREMPLER, M.D.

W. F. ZINN, M.D., *Esophagoscopist.*

Nervous Diseases.

Supervisor, A. C. GILLIS.

Attending Physicians.

MILFORD LEVY, M.D.
R. A. WARNER, M.D.

Diseases of Women.

Supervisors.

W. S. GARDNER, M.D.
A. SAMUELS, M.D.

Attending Surgeons.

E. P. SMITH, M.D.
J. J. ERWIN, M.D.
T. K. GALVIN, M.D.
C. F. J. COUGHLIN, M.D.

Diseases of Nose and Throat.

W. F. ZINN, M.D.
F. A. PACIENZA, M.D.
R. F. MCKENZIE, M.D.
R. J. KEMP, M.D.

Diseases of Eye and Ear.

H. F. FLECK, M.D.
J. I. KEMLER, M.D.
J. W. DOWNEY, M.D.
M. RASKIN, M.D.
F. A. PACIENZA, M.D.

Proctology.

L. J. ROSENTHAL, M.D.

Dermatology.

MELVIN ROSENTHAL, M.D.

Assistant.

WILLIAM G. COPPAGE, M. D.

DISPENSARY AND SOCIAL SERVICE DEPARTMENT.

Sister M. Helen, R. N.
Sister M. Imelda, R. N. Catherine Campbell, R. N.

MERCY HOSPITAL DISPENSARY REPORT.

January 1, 1924, to December 31, 1924.

Sister M. Helen, Directress

Dispensary Clinics	Cases New	Cases Old	Total
Surgical	903	2,159	3,062
Medical	943	1,111	2,054
Gynecological	395	1,270	1,665
Eye and Ear	440	785	1,225
Nose and Throat	653	808	1,461
Neurological	91	317	408
Gastro-Intestinal	148	544	692
Dental	79	70	149
Proctological	31	51	82
Orthopedic	230	1,265	1,495
Dermatological	210	414	624
Genito-Urinary	861	4,160	5,021
	4,984	12,954	17,938

OTHER CLINICAL FACILITIES.

THE BALTIMORE CITY HOSPITAL.

The clinical advantages of the University have been largely increased by the liberal decision of the Board of Supervisors of City Charities to allow the immense material of these hospitals to be used for the purpose of medical education. There are daily visits and clinics in medicine and surgery by the Staff of the Hospitals. The autopsy material is unsurpassed in this country in amount, thoroughness in study, and the use made of it in medical teaching.

The Baltimore City Hospital consists of the following separate hospitals:

The General Hospital, 160 beds.
The Hospital for Chronic Cases, 88 beds.
The Hospital for Tuberculosis, 190 beds.
The Detention Hospital for Insane, 450 beds.

STAFF OF THE BALTIMORE CITY HOSPITAL.

VISITING STAFF.

Thomas R. Boggs, S.B., M.D., *Physician-in-Chief.*
Arthur M. Shipley, Sc.D., M.D., *Surgeon-in-Chief.*
C. C. Habliston, M.D., *Physician-in-Chief to the Tuberculosis Hospital.*
Harry Goldsmith, M.D., *Physician-in-Charge of the Detention Hospital for the Insane.*
Frank B. Kindell, A.B., M.D., *Visiting Pathologist.*
Lawrence S. Otell, M.D., *Resident Pathologist.*

CONSULTING STAFF.

Otologist.

William Tarun, M.D.

Gynecologists.

R. G. Willse, M.D.
J. Mason Hundley, Jr., M.A., M.D.

Urologist.

W. H. Toulson, M.D.

Laryngologists.

H. R. Slack, M.D.
Edward A. Looper, M.D.

Pediatrician.

John Ruhrah, M.D.

Neurologist.

Henry M. Thomas, M.D.

Psychiatrists.

Henry J. Berkely, M.D.
Adolph Meyer, M.D.

Orthopedist.

H. L. Wheeler, M.D.

Assistant Visiting Physician.

Charles R. Austrian, M.D.

Assistant Visiting Surgeons.

Frank S. Lynn, M.D.
C. A. Reifschneider, M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN.

This institution contains seventy-five beds for the active treatment of deformities. It is situated at "Radnor Park," a colonial estate of seventy-five acres at Hillsdale, within the western city limits, reached by trolley.

This institution has city, state, endowed and private beds and every modern facility for the treatment of orthopaedic cases as well as a most beautiful park-like environment and farm, and is closely affiiliated with the University of Maryland for bed-side instruction.

STAFF.

R. Tunstall Taylor, A.B., M.D., *Surgeon-in-Chief.*

Associate Surgeons.

Sydney M. Cone, A.B., M.D.
Albertus Cotton, A.M., M.D.
Compton Riely, M.D.

Dispensary Surgeons.

W. H. Daniels, M.D.
Compton Riely, M.D.
H. L. Wheeler, M.D.

Physio-Therapists and Instructors in Corrective Gymnastics.

Miss Anita Renshaw Presstman
Miss Elizabeth Emory
Miss Florence Grape
Miss Mary H. Lee, *Principal of School.*
Miss Nora Robinson, *Assistant.*

Roentgenologists.

Henry J. Walton, M.D.
J. F. Lutz, M.D.

Attending Plastic Surgeon.

John Staige Davis, B.Sc., M.D.

Pediatrist.

Benjamin Tappan, B.A., M.D.

Attending Surgeon.

A. M. Shipley, Sc.D., M.D.

Attending Neuro-Surgeon.

Charles Bagley, Jr., M.D.

Attending Laryngologist.

F. B. Anderson, M.D.

Attending Dermatologist.

John R. Abercrombie, A.B., M.D.

Attending Pathologist.

Howard J. Maldeis, M.D.

Attending Oculist and Aurist.

William Tarun, M.D.

Attending Neurologist.

Irving J. Spear, M.D.

Attending Dentists.

G. E. P. Truitt, D.D.S.
J. B. Bell, D.D.S.
H. M. Blumenthal, D.D.S.

Consulting Surgeons.

J. M. T. Finney, A.B., M.D.
Randolph Winslow, A.M., M.D., LL.D.
Archibald C. Harrison, M.D.

Consulting Physicians.

Thomas R. Brown, A.B., M.D.
Llewellys F. Barker, A.B., M.D.
Thomas F. Futcher A.B., M.D.,
William S. Thayer, A.B., M.D.

Consulting Oculist.

Hiram Woods, M.D., LL.D.

Consulting Largnogolist.

John N. Mackenzie, A.B., M.D.

Dispensary and social Service Nurse.

Miss Mabel Brown, R.N.

Head Nurse.

Miss Louise Schaub, R.N.

Resident Interne.

Gordon Bennett Tayloe

ST. VINCENT'S INFANT ASYLUM.

The facilities of this institution, containing 250 infants and children, have been kindly extended to the University of Maryland by the Sisters of Charity. This large clinic enables this school to present to its students liberal opportunities for the study of diseases of infants and children.

STAFF.

Visiting Physician.

CHARLES R. GOLDSBOROUGH, M.D.

Visiting Surgeon.

NATHAN WINSLOW, M.D.

Visiting Obstetrician.

L. H. DOUGLASS, M.D.

Visiting Dermatologist.

JOHN BUCHNESS, M.D.

Visiting Orthopedist.

WILLIAM H. DANIELS, M.D.

INSTITUTIONS FOR THE TREATMENT OF THE INSANE AND FEEBLE-MINDED.

THE SHEPPARD AND ENOCH PRATT HOSPITAL FOR THE INSANE. This institution is one of the most modern hospitals for the treatment and care of the insane in this country. It is well endowed and its superintendent is R. M. Chapman, M. D., Professor of Psychiatry at the University of Maryland. In this hospital intensive treatment and study of mental diseases is carried on, a large number of the patients entering voluntarily. The students under the direction of Dr. Chapman and his assistants in a series of clinics are shown the early manifestations and the various stages of mental diseases, the methods of treatment, and their effects.

SPRING GROVE HOSPITAL. Through the courtesy of the Superintendent of this institution, the Professor of Psychiatry is enabled to present to the weekly clinics to the fourth year class the different types of psychoses and psycho-neuroses.

LIBRARIES.

The University Library, founded in 1813 by the purchase of the collection of Dr. John Crawford, now contains 16,363 volumes, a file of 80 current journals, and several thousand pamphlets and reprints. During the year ending December 31, 1924, 1,059 volumes were added. It is well stocked with recent literature, including books and periodicals of general interest. The home of the Library is Davidge Hall, a comfortable and commodious building in close proximity to the class rooms and the Laboratories of the Medical Department. The Library is open daily during the year, except in August, for use of members of the Faculty, the students, and the profession generally.

The Library of the Medical and Chirurgical Faculty of Maryland, containing 40,000 volumes, is open to the students of the school. The leading medical publications of the world are received by the library and complete sets of many journals are available. Other Libraries of Baltimore are the Peabody (213,000 volumes) and the Enoch Pratt Free Library (459,669 volumes).

All these libraries are open to the students of the school without charge.

ORGANIZATION OF THE CURRICULUM.

The following curriculum is the result of a thorough revision of teaching in this school in order to meet modern requirements. The multiplication of specialties in medicine and surgery necessitates a very crowded course and the introduction of electives will very soon be depended on to solve some of the difficulties.

The curriculum is organized under eleven departments:

1. Anatomy (including Histology and Embryology).
2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology and Otology.

The instruction is given in four years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures and functions of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in Medicine and Surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the needs of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF ANATOMY, INCLUDING HISTOLOGY AND EMBRYOLOGY.

C. L. Davis, M.D.	Professor of Anatomy
Tilghman B. Marden, A.B., M.D.	Professor of Histology and Embryology
Louis C. Dobihal, M.D.	Instructor in Histology
J. D. Holofcener, M.D.	Instructor in Histology
Everard W. Briscoe	Assistant in Anatomy
Wm. R. Johnson	Assistant in Anatomy
Robt. W. Johnson	Assistant in Anatomy

First Year. *Didactic.* Five hours each week for thirty-two weeks. Each day, preceding the laboratory period, a quiz and demonstration of from forty to fifty minutes is held, covering the laboratory work for the day.

Laboratory. Eighteen hours each week for thirty-two weeks This course includes a complete dissection of the human body, including the central nervous system. Abundance of good material is furnished and the student is aided in his work by competent demonstrators. Practical examinations are held at frequent intervals throughout the session and each student will be held to strict account for material furnished him. Each student is furnished a skeleton and a deposit is required to insure its return in good condition at the end of the session.

Histology.

First Year. Lectures, recitations and laboratory work, ten hours each week during first semester; three hours each week during second semester. The most important part of the work will be done in the laboratory, where each student will be provided with apparatus, staining fluids and material necessary for the preparation of specimens for miscroscopical examination. An important aid to the course is the projection miscroscope and balopticon which are used for the projection upon a screen, of magnified images of the specimens actually used in the laboratory, and of illustrations from standard text books.

Embryology.

Lectures, recitations, and laboratory work; one hour each week during the first semester, and seven hours each week during the second semester.

This course includes the study of the development of the chick and the fundamental principles of mammalian embryology. In the laboratory, the hen's egg will be studied in its various stages of development, and sections of the chick at different periods of incubation will be made and studied microscopically. The latter part of the course will be devoted to the study of sections through different regions of mammalian embryos.

Special emphasis is laid upon the development in the human.

DEPARTMENT OF PHYSIOLOGY.

A. H. Ryan, M.D.	Professor of Physiology
Charles C. Conser, M.D.	Associate Professor of Physiology
Ferdinand A. Ries, M.D.	Associate in Physiology
George A. Knipp, M.D.	Instructor in Physiology

1. Physiology. The required course consists of lectures, recitations, laboratory work, demonstrations and conferences in the first and second years.

First Year. Two periods weekly of one hour each are given during the second half of the first year. These lectures are devoted to a general survey of the subject; the application of physical and physico-chemical methods to experimental physiology; the application of statistical methods and the presentation of results. The physiology of vision is also covered in lectures, the laboratory work being given in the second year.

Second Year. Three one-hour periods weekly throughout the year are devoted to lectures, recitations and demonstrations. Three hours weekly during the first semester and six hours per week during the second semester are spent in the laboratory. In the laboratory students work in small groups with complete sets of apparatus. The work is arranged to illustrate fundamental principles and at the same time to familiarize the student with methods employed in experimental physiology and medicine. The laboratory results are discussed at informal conferences. The subjects covered in the didactic and laboratory work include muscle, nerve, electro-physiology, blood, lymph, circulation, respiration, digestion, absorption, secretion, nutrition, internal secretions, nervous system and special senses. A considerable part of the laboratory work is upon mammals. Consultation of original papers at the library is required and current articles are discussed.

2. CLINICAL PHYSIOLOGY. During the second semester of the second year a one-hour clinic is held each week by the Department of Medicine to correlate physiology and medicine and serve as an introduction to the work of the clinical years.

3. RESEARCH. Hours to be arranged. The facilities of the laboratory are available to qualified persons to undertake original investigations.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY.

FRANK W. HATCHEL, M.D.	Professor of Bacteriology
WILLIAM ROYAL STOKES, M.D., Sc.D.	Professor of Bacteriology
LOUIS F. KRUMREIN, M.D.	Instructor in Bacteriology
J. A. F. PFEIFFER, M.D.	Instructor in Bacteriology
HENRY F. BUETTNER, M.D.	Instructor in Bacteriology

Instruction in bacteriology is given in the laboratory to the students of the first year during the second semester. This includes the various method of preparation and sterilization of culture media, the study of pathogenic bacteria and the bacteriological examination of water and milk. The bacteriological diagnosis of the communicable diseases is also included in this course. Animal inoculations are made in connection with the bacteria studied. The most important protozoa are also studied in the laboratory. The principles of general bacteriology are taught by quiz, conference and lecture.

The principles of immunology are presented by means of quizzes conferences and lectures to the second year class throughout the first semester and practical experiments are carried out by the class in laboratory sessions of three hours each held twice weekly during the semester.

DEPARTMENT OF BIOLOGICAL CHEMISTRY.

H. Boyd Wylie, M.D.	Professor of Biological Chemistry
Frank N. Ogden, M.D.	Associate in Biological Chemistry
Emil G. Schmidt, Ph.D.	Instructor in Biological Chemistry

Instruction in Biological Chemistry comprises laboratory work, lectures and conferences.

Laboratory Work. The first few weeks of the laboratory work consists in the preparation of normal and standard solutions which requires careful use of the analytical balance and of volumetric glassware. The knowledge gained in this preliminary period is then put to practical application in the making of quantitative determinations of nitrogenous compounds of known nitrogen content. Daily reports are required of each student in this work and a careful record is kept of his ability.

At the end of this period there follows a long course of laboratory work on the chemistry and metabolism of the carbohydrates, proteins and lipins. Each type of foodstuff is considered separately; first its chemistry is studied and then its metabolism. In following this arrangement the usual long stretch of the pure chemistry of all the foodstuffs is eliminated.

Experiments on the tissues of the body then follow, and precede the final group of experiments on bile, milk and those which relate to the more thorough study of blood and urine.

Throughout the laboratory work the older methods have been excluded, and those tests which are duplications of the same principle have been reduced to a minimum. Quantitative tests include only those which are representative and essential. A great deal of stress is laid upon the importance of quantitative and metabolic experiments, so that this type of work constitutes the major part of the laboratory experiments in this course.

Lectures. The lectures precede or run parallel to the laboratory work, as far as possible. The first lectures deal with laboratory technic, the chemistry of solutions and indicators, osmosis, the chemistry of colloids, catalysis, reversible reactions, the law of mass action and a discussion of enzymes. The lectures which follow refer to the chemistry and metabolism of carbohydrates, proteins and lipins. Relatively less time is given to the discussion of the chemistry of the various foodstuffs and more to the discussion of their metabolism. In these lectures the fundamental principles (biological, physical and chemical) are emphasized, not, however, to the exclusion of the correlation of the normal and abnormal metabolism.

The final lectures relate to the discussions of the secretions, including milk, and of the blood and urine, including the metabolism of inorganic substances, salts and water.

PHARMACOLOGY AND MATERIA MEDICA.

William Henry Schultz, Ph.B., Ph.D.	Professor of Pharmacology
O. G. Harne, A.B.	Associate Professor of Pharmacology
Esther F. Kuhn, A.B.	Assistant in Pharmacology
William Glenn Harne	Assistant in Pharmacology

1. *Materia Medica and Pharmacology.* 56 hours required. The methods now used in presenting the subject matter of Materia Medica and Prescription Writing have evolved as a result of some years of practical teaching. The science of Pharmacology has introduced methods of critical analysis in the choice of drugs proposed for use as medicine. As aids in determining the particular drugs chosen for study, use is made of the "United States Pharmacopoeia" and "New and Non-Official Remedies."

Official titles, whenever practicable, are expressed in English and all quantities are stated in terms of the metric system. The only way to get away from the unscientific system of English weights and measures, and from a Latin system which few ever learn correctly is to refuse to teach either one of them.

When possible, drugs are grouped according to their chemical composition and the influence of various radicals and side chains emphasized, whereas drugs, the chemistry of which is not definitely established, are grouped according to their dominant physiological action. Following the Pharmacology of a given group, their place in practical medicine is indicated, and the student is requested to prescribe same in suitable form. Thus a Materia Medica is developed throughout the course, based upon Pharmacological action of drugs.

2. *Systematic Pharmacology.* 96 hours required. Second year. In this portion of the course, the student is taught Pharmacology as a pure science. The aim is to attain a mean between that which has a purely scientific bearing and that dominantly practical so that both a critical attitude toward drugs, and an understanding of the principles of dosage may be acquired. This is accomplished by lectures, quiz, conference and the following course of laboratory exercises.

3. *Pharmacodynamics.* 96 hours. Second year. This laboratory course runs parallel with Pharmacology 2. Many of the most important problems of Immunology, Parasitic intoxications, and of Chemotherapy are essentially Pharmacological. In the first part of the course the experiments are upon normal animals, hence primarily toxocological in character. In the latter part of the course more and more emphasis is laid upon what is now designated as the chemo-therapeutic index of drugs.

4. *Pharmacology of General and Local Anesthetics and Soporifics.* Four weeks, 3 lectures, 3 laboratory periods a week. This is a special course designed to meet the needs of physician and graduate nurse who wish to acquire a knowledge of the more recent developments in the pharmacology of depressant and sleep producing drugs. The course is so arranged that those properly qualified may continue the work under expert anesthetists in the wards of the hospitals connected with the university. Professor Shultz.

5. *Research in Pharmacology and Chemo-Therapy.* Properly qualified students are admitted to the laboratory with a view to their carrying on original investigations in drug action. Thoroughly equipped laboratories are well adapted for post-graduate study and research in Pharmacology. Hours will be arranged to suit the applicant. Professor Schultz.

DEPARTMENT OF PATHOLOGY.

Hugh R. Spencer, M.D.	Professor of Pathology
Standish McCleary, M.D.	Professor of Pathology
Sydney M. Cone, M.D.	Associate Professor of Pathology
Wm. J. Carson, M.D.	Associate Professor of Pathology
Albert E. Goldstein, M.D.	Instructor in Pathology
M. Alexander Novey, M.D.	Assistant in Pathology
Lawrence S. Otell, M.D.	Assistant in Pathology

Courses of instruction in Pathology are given during the second and third years. These courses are based on previous study of normal structure and function and aim to outline the natural history of disease. Instruction is made as practical as possible that the student may become familiar with the appearance of tissues in disease and may be able to correlate anatomical lesions with clinical symptoms and signs.

1. *General Pathology and Histo-Pathology.* This course is given to second year students. It includes the study and demonstration of disturbances of the body fluids, disturbances of structure, nutrition and metabolism of cells, disturbances of fat, carbohydrate and protein metabolism, disturbances in pigment metabolism, inflammation and tumors. The laboratory course consists in a daily preliminary talk on the subject for study, following which the student takes up the study of microscopical sections. Gross material from autopsy and from the museum is demonstrated in conjunction with the microscopical sections.

2. *Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology.* Third year students: In this course the special relationship of the gross and microscopical lesions to clinical symptoms and signs is emphasized. Fresh material from autopsy collected at the various hospitals is demonstrated and supplemented by a study of the respective autopsy protocols.

3. *Autopsies.* Third Year. Autopsy technic is taught to small groups of students by special instruction at autopsies performed at the various hospitals. Students are required to assist at the autopsy, study the organs, examine the microscopical sections, make cultures and prepare autopsy protocols.

4. *Clinical Pathological Conference.* Fourth Year. In collaboration with the Department of Medicine. Material from autopsies is studied with reference to the correlation of the clinical aspects with the pathological findings.

5. *Advanced Work in Pathology.* Properly qualified students will be permitted to carry out advanced or research work along the lines of experimental pathology.

DEPARTMENT OF MEDICINE.

Maurice C. Pincoffs, B.S., M.D.	Professor of Medicine
Gordon Wilson, M.D.	Professor of Medicine
Cary B. Gamble, Jr., A.M., M.D.	Professor of Medicine
Standish McCleary, M.D.	Professor of Pathology and Clinical Medicine
Jos. E. Gichner, M.D.	Professor of Clinical Medicine
Charles W. McElfresh, M.D.	Professor of Clinical Medicine
G. Carroll Lockard, M.D.	Professor of Clinical Medicine
Harvey G. Beck, Sc.D., M.D.	Professor of Clinical Medicine
Paul W. Clough, B.S., M.D.	Associate Professor of Medicine
C. C. W. Judd, A.B., M.D.	Associate Professor of Medicine
Sydney R. Miller, M.D.	Associate Professor of Medicine
H. D. McCarty, M.D.	Associate Professor of Clinical Medicine
Wm. H. Smith, M.D.	Associate Professor of Clinical Medicine
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
S. Lloyd Johnson, A.B., M.D.	Assistant Professor of Medicine
Harry M. Stein, M.D.	Assistant Professor of Medicine
John G. Huck, M.D.	Assistant Professor of Medicine
George McLean, M.D.	Assistant Professor of Medicine
R. C. Metzel, M.D.	Associate in Clinical Medicine
W. I. Messick, M.D.	Associate in Clinical Medicine
L. A. M. Krause, M.D.	Associate in Medicine
C. C. Habliston, M.D.	Associate in Medicine
E. E. Mayer, M.D.	Instructor in Medicine
D. Corbin Streett, M.D.	Instructor in Medicine
J. W. Martindale, M.D.	Instructor in Medicine
Henry Sheppard, M.D.	Instructor in Medicine
Bartus T. Baggott, M. D.	Instructor in Medicine
Leon Freedom, M.D.	Instructor in Medicine
H. R. Peters, M.D.	Instructor in Medicine
William Michel, M.D.	Instructor in Medicine
H. M. Bubert, M.D.	Instructor in Medicine
Paul R. Rockwood, M.D.	Instructor in Medicine
Wetherbee Fort, M.D.	Assistant in Medicine
M. G. Gichner, M.D.	Assistant in Medicine
L. L. Gordy, M.D.	Assistant in Medicine
F. L. Badagliacca, M.D.	Assistant in Medicine
Frederick B. Dart, M.D.	Assistant in Medicine

GENERAL OUTLINE.

Second Year

Introduction to clinical medicine.

(a) Introductory physical diagnosis.
(1 hour a week, first semester).
(2 hours a week, second semester).

(b) Clinical lectures on pathological physiology.
(1 hour a week, second semester).

THIRD YEAR.

I. The methods of examination (13 hours a week).
  (a) History taking.
  (b) Physical diagnosis.
  (c) Clinical pathology.

These subjects are taught and practiced in the out-patient department and in the clinical laboratory.

II. The principles of medicine (7 hours a week).
  (a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics and preventive medicine.

III. The principles of therapeutics (2 hours a week).
  Lectures and demonstrations in general therapeutics, physical therapeutics and materia medica.

FOURTH YEAR.

The practice of medicine.

I. Clinical clerkship on the medical wards.
  (26 hours a week for ten weeks).
  (a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.
  (b) Ward classes in general medicine, the medical specialties, and therapeutics.

II. Clinics in general medicine and the medical specialties
  (6 hours a week).

III. Dispensary work in the medical specialties.

IV. Clinical pathological conferences (1 hour a week).

Medical Dispensary Work.

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two periods a week of two hours each in dispensary work. The work is done in groups of four to six students under an instructor. Systematic history taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Physical Diagnosis.

SECOND YEAR. Didactic lectures and practical demonstrations in topographical anatomy and normal physical signs.

Third Year. The class is divided into small groups, and each section receives instruction for four hours a week for the entire session in the medical dispensaries of the hospitals. The large clinical material of the dispensaries and hospitals is utilized to give each student the opportunity to familiarize himself with the common types of bodily structure, with the normal variations in physical signs and with the physical signs of the chief pulmonary, circulatory and abdominal diseases.

Tuberculosis.

During the third year in connection with the instruction in physical diagnosis a practical course is given weekly to sections of the class at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

Therapeutics.

Third Year. General therapeutics and materia medica are taken up and an effort is made to familiarize the student with the practical treatment of disease. The special therapy of the chief diseases is then reviewed. Two hours a week. Dr. Lockard.

The principles of physical therapy are taught in a special lecture and demonstration course consisting of six one-hour periods. Dr. Gichner.

Fourth Year. Special consideration is given to the practical application of therapeutic principles in bedside teaching and the chief therapeutic methods are demonstrated.

CLINICAL PATHOLOGY.

John G. Huck, M.D.	Head of Department Assistant Professor of Medicine
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
S. R. Miller, M.D.	Associate Professor of Medicine
L. A. M. Krause, M.D.	Associate in Medicine
H. R. Peters, M.D.	Instructor in Medicine
M. G. Gichner, M.D.	Assistant in Medicine

During the third year the student is thoroughly drilled in the technique of the usual clinical laboratory work, so that he is able to perform all routine examination which may be called for during his fourth year, in connection with the work in the wards and dispensary.

The practical work is supplemented by a series of didactic lectures and demonstrations in which the entire teaching staff of the department takes an active part. The microscopical and chemical study of blood, exudates and transudates, gastric juice, spinal fluid, feces and urine are successively taken up, and special attention directed to the clinical significance of the findings.

Clinical parasitology from the standpoint of the infecting agent and the carrier is given careful consideration.

The entire course is thoroughly practical. Each student is provided with a microscope, blood counters and hemoglobinometer for his exclusive use, and every two students with a special laboratory outfit for all routine purposes.

During the fourth year the student applies what he has learned during the preceding year in the laboratories of the various affiliated hospitals. He is also supplied with a laboratory outfit which is sufficiently complete to enable him to work independently of the general equipment. Special instructors are available during certain hours to give necessary assistance and advice.

GASTRO-ENTEROLOGY.

Julius Friedenwald, A.M., M.D.	Professor of Gastro-Enterology
T. Fred Leitz, M.D.	Clinical Professor of Gastro-Enterology
J. Harry Ullrich, M.D.	Assistant Professor of Gastro-Enterology
Theodore H. Morrison, M.D.	Assistant Professor of Gastro-Enterology
Maurice Feldman, M.D.	Associate in Gastro-Enterology
Joseph Sindler, M.D.	Instructor in Gastro-Enterology
Z. Morgan, M.D.	Instructor in Gastro-Enterology
M. S. Koppelman, M.D.	Assistant in Gastro-Enterology
N. J. Davidov, M.D.	Assistant in Gastro-Enterology
Albert Eisenberg, M.D.	Assistant in Gastro-Enterology
I. S. Zinberg, M.D.	Assistant in Gastro-Enterology
W. E. Grempler, M.D.	Assistant in Gastro-Enterology
Joseph N. Zierler, M.D.	Assistant in Gastro-Enterology

Fourth Year. Clinics, recitations and demonstrations to the class for one hour a week throughout the session. Dispensary instruction to small groups throughout the entire session. Practical instruction in the differential and clinical diagnosis and demonstrations of the newer methods of diagnosis in gastro-intestinal affections.

PSYCHIATRY.

R. M. Chapman, M.D.	Professor of Psychiatry
Harry Goldsmith, M.D.	Instructor in Psychiatry
H. S. Sullivan, M.D.	Associate in Psychiatry

Third Year. In the third year the student attends fifteen clinical lectures and five clinics which are designed to be introductory to the more intensive work in psychiatry in the fourth year.

Fourth Year. The class is divided into sections for clinical conferences on selected groups of cases. Each student works for a short period as assistant in the Mental Hygiene Clinic and thus gains practical experience of the problems of history taking, examination, and the care of psychiatric patients.

PEDIATRICS.

John Ruhrah, M.D.	Professor of Pediatrics
Charles L. Summers, M.D.	Professor of Pediatrics
Edgar R. Friedenwald, M.D.	Clinical Professor of Pediatrics
C. Loring Joslin, M.D.	Assistant Professor of Pediatrics
W. H. Ingrim, M.D.	Associate in Pediatrics
H. H. Warner, M.D.	Associate in Pediatrics
W. J. Todd, M.D.	Instructor in Pediatrics
John H. Traband, M.D.	Instructor in Pediatrics
William F. Geyer, M.D.	Instructor in Pediatrics
I. J. Feinglos, M.D.	Instructor in Pediatrics
W. E. Brent, M.D.	Instructor in Pediatrics
Clarence E. Macke, M.D.	Instructor in Pediatrics
Bernard J. Ferry, M.D.	Assistant in Pediatrics
Charles Goldsborough, M.D.	Assistant in Pediatrics
George E. Wells, M.D.	Assistant in Pediatrics
F. Stratner Orem, M.D.	Assistant in Pediatrics
H. Whitney Wheaton, M.D.	Assistant in Pediatrics
H. J. Dorf, M.D.	Assistant in Pediatrics
H. R. Lickle, M.D.	Assistant in Pediatrics
F. B. Smith, M.D.	Assistant in Pediatrics
G. A. Knipp, M.D.	Assistant in Pediatrics
J. J. McGarrell, M.D.	Assistant in Pediatrics

W. E. Cole, M.D.	Assistant in Pediatrics
H. A. Rutledge, M.D.	Assistant in Pediatrics
Albert Jaffe, M.D.	Assistant in Pedriatics
Thelma V. Owen, M.D.	Assistant in Pedriatics

Third Year. Instruction during the third year consists of one lecture each week in which infant feeding and the most important diseases of infancy and childhood are especially emphasized. Drs. Ruhrah, Summers and Friedenwald.

Fourth Year. During this year a weekly clinical lecture is given where the character of disease is fully demonstrated and the students are afforded an opportunity for personal examination of all cases. In addition ward classes are held weekly where bedside instruction is given. A section of the class also works daily at the Babies' and Children's Clinic. This clinic, which is under the direction of Dr. Summers, has a yearly attendance of more than twenty thousand, and offers an excellent opportunity for study and observation of a wide variety of cases under competent instructors.

Instruction is also given in the Children's Dispensary at the Mercy Hospital.

NEUROLOGY.

Irving J. Spear, M.D.	Professor of Neurology
Andrew C. Gillis, A.M., M.D.	Professor of Neurology
G. M. Settle, A.B., M.D.	Associate Professor of Neurology
Benjamin Pushkin, M.D.	Associate in Neurology
Milford Levy, M.D.	Instructor in Neurology
J. A. Skladowsky, M.D.	Assistant in Neurology

Third Year. Lectures and recitations one hour each week to the entire class. By means of didactic lectures and clinical conferences there are considered the commoner types of diseases of the nervous system, the methods of neurological examination, and the relationship of signs and symptoms to pathological conditions. The material at University and Mercy Hospitals is available.

Fourth Year. Clinical Conference, one hour each week to the entire class. This subject is taught at the University and Mercy Hospitals. All cases presented at these clinics are carefully examined; complete written records are made by the students who demonstrate the cases before the class. These cases are usually assigned one or two weeks before they are presented, and each student in the class must prepare one or more cases during the year.

Ward Class Instruction: In small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the cases in the wards under the supervision of the instructor.

Dispensary Instruction: Small sections are instructed in the dispensaries of the University and Mercy Hospitals four afternoons each week. In this way students are brought into contact with nervous diseases in their earlier as well as later manifestations.

HYGIENE AND PREVENTIVE MEDICINE.

C. Hampson Jones, M.D., C.M.	Professor of Hygiene and Public Health
Birckhead McGowan, M.D.	Instructor in Hygiene and Public Health
J. F. Hogan, M.D.	Instructor in Hygiene and Public Health

Third Year. Two lectures a week throughout the session. The lectures will encompass the fundamental subjects: Air, Water, Soil, Food, Disposal of Wastes, Communicable Diseases, State and Federal Public Health Laws, and Industrial Diseases. Small groups visit the Sydenham Hospital weekly and are given practical instruction in the diagnosis, treatment and isolation of the contagious diseases.

Fourth Year. Small groups visit the City Board of Health Laboratories for practical instruction in the laboratory field and administrative aspects of public health work.

MEDICAL JURISPRUDENCE.

H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence Baltimore City Post Mortem Physician

Fourth Year. Course of six lectures.

Inasmuch as Medical Jurisprudence teaches the application of every branch of medical knowledge to the needs of the law, civil or criminal, this course embraces the following: Proceedings in criminal and civil prosecution; medical evidence and testimony; identity in its general relations; sexual abnormalities; personal identity; impotence and sterility; rape; criminal abortions; signs of death; wounds in their medico-legal relations; death, natural and homicidal; malpractice; insanity and medico-legal autopsies.

DEPARTMENT OF SURGERY.

Arthur M. Shipley, Sc.D., M.D.	Professor of Surgery
Archibald C. Harrison, M.D.	Professor of Surgery
Alexius McGlannan, A.M., M.D.	Professor of Surgery
Joseph H. Branham, M.D.	Professor of Clinical Surgery
Nathan Winslow, A.M., M.D.	Clinical Professor of Surgery
Page Edmunds, M.D.	Clinical Professor of Industrial Surgery
Walter D. Wise, M.D.	Clinical Professor of Surgery
Joseph W. Holland, M.D.	Clinical Professor of Surgery
Frank S. Lynn, M.D.	Clinical Professor of Surgery
Elliott H. Hutchins, A.M., M.D.	Associate Professor of Surgery
Thomas R. Chambers, A.M., M.D.	Associate Professor of Surgery
R. W. Locher, M.D.	Assoc'te Professor of Operative and Clinical Surgery
Charles Reid Edwards, M.D.	Associate Professor of Surgery
E. H. Hayward, M.D.	Associate in Surgery
A. M. Evans, M.D.	Associate in Surgery
F. L. Jennings, M.D.	Associate in Surgery
E. S. Johnson, M.D.	Associate in Surgery
C. A. Reifschneider, M.D.	Associate in Surgery
H. M. Foster, M.D.	Instructor in Surgery
F. X. Kearney, M.D.	Instructor in Surgery
Charles W. Maxson, M.D.	Instructor in Surgery
Martin J. Hanna, M.D.	Instructor in Surgery
J. M. Hundley, Jr., M.D.	Instructor in Surgery
Dwight Mohr, M.D.	Assistant in Surgery
Wm. R. Geraghty, M.D.	Assistant in Surgery
S. Demarco, M.D.	Assistant in Surgery
Clyde Marvel, M.D.	Assistant in Surgery
Everard Briscoe, M.D.	Assistant in Surgery
I. O. Ridgely, M.D.	Assistant in Surgery
H. B. McElwain, M.D.	Assistant in Surgery
C. F. Horine, M.D.	Assistant in Surgery
D. J. Passagno, M.D.	Assistant in Surgery
J. G. Onnen, M.D.	Assistant in Surgery
W. R. Johnson, M.D.	Assistant in Surgery
Monte Edwards, M.D.	Assistant in Surgery

The teaching is in the Anatomical Laboratory and the dispensaries, wards, clinical laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and dead-house of the Baltimore City Hospital.

Instruction is given by means of lectures, recitations, dispensary work, bed-side instruction, ward classes, and clinics. The work begins in the second year, and continues throughout the third and fourth years.

Second Year.

Topographic and Surgical Anatomy. 10 hours a week for the first semester. The course is designed to bridge the gap between anatomy in the abstract, and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected when necessary to bring out outlines and relations of structures. Didactic lectures two hours weekly, augmented by demonstrations with specimens, charts, and cross-sections. Dr. Holland, assisted by Drs. Foster, Hanna, Brady and Horine.

Principles of Surgery. This course includes history taking, records of physical examinations and of operations and progress notes; the preparation of surgical dressings, suture materials and solutions. It includes inflammation, infections, ulcers, gangrene, fistulae and sinuses, hemorrhage and shock; the use of splints, bed frames, bone plates, bone grafts, etc., local anaesthesia and the prepartion of patients for operations. Lectures and conferences. 2 hours per week for one semester to the entire class. Dr. Edwards.

Third Year.

General and Regional Surgery. Principles of surgery and general surgery, three hours a week throughout the year to the entire class, lectures, recitations and clinics. Dr. Shipley.

The class is divided into groups and receives instruction in history-taking, gross pathology, and surgical diagnosis—at the bedside and in the deadhouse of the Baltimore City Hospital. Drs. Shipley, Lynn and Reifschneider.

Operative Surgery. Instruction is given in operative surgery upon the cadaver and on dogs. The class is divided into sections, and each section is given practical and individual work under the supervision of the instructors. Dr. Frank S. Lynn, assisted by Drs. Nathan Winslow, Locher, Hayward, E. S. Johnson, Edwards, Foster, Reifschneider, Geraghty, Demarco, Kearney, Briscoe, Horine, Pessagno and Onnen.

Fractures and Dislocations. Twenty-four hours to the entire class. This course consists of instruction in the various forms of fractures and dislocations and their treatment, and serves as a preparatory course for clinical work. Drs. Wise and Jennings.

Surgical Dispensary. Under supervision, the student takes the history, makes the physical examinations, attempts the diagnosis, and, as far as possible, carries out the treatment of the ambulatory surgical cases in the University and in the Mercy Hospitals. Mercy Hospital—Drs. Dwight Mohr, Ridgley, Passagno, Briscoe and McElwain. University Hospital—Drs. Holland, Lynn, Nathan Winslow, Edwards, E. S. Johnson and Foster.

Fourth Year.

Clinics. A weekly clinic will be given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Drs. Harrison and McGlannan. University Hospital—Dr. Shipley.

Surgical Pathology. A weekly exercise of one hour at Mercy Hospital for one semester, at which specimens from the operating-room and museum are studied in the gross and microscopically, in relation with the case history. Dr. McGlannan.

Industrial Surgery. Operative and post-operative treatment of accident cases, with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. Edmunds.

Clinical Clerkship. The personal study of assigned hospital patients, under supervision of the staffs of University and of Mercy Hospitals, history taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

Ward Classes. Ward class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after care of operative cases. Mercy Hospital—Drs. Harrison, McGlannan, Wise, Elliot Hutchins, Evans and Chambers. University Hospital—Drs. Shipley, Holland, Edmunds, Lynn and Edwards.

ANAESTHESIA.

Second Year.

Lectures on history of anaesthesia: Ancient and Modern. General physiology of anaesthesia. Special physiology of each anaesthetic agent. Different methods for producing general anaesthesia, with a detailed description of each. The selection of the anaesthetic and method best suited for its administration in particular cases. Difficulties and accidents during and following anaesthesia, their causes, prevention and control. Different methods of resuscitation. Blood pressure: Its significance and bearing on selection of the anaesthetic and use as a guide during anaesthesia.

Eight hours to the entire class. Drs. S. Griffith Davis and W. G. Queen.

Fourth Year.

During the clinics and operations before small groups, each student will be required to observe the administration of anaesthetics and to keep a chart recording blood pressure, pulse and respiration under the direction of an instructor.

DERMATOLOGY.

T. Caspar Gilchrist, M.R.C.S., M.D.	Professor of Dermatology
Melvin Rosenthal, M.D.	Associate Professor of Dermatology
John R. Abercrombie, A.B., M.D.	Associate in Dermatology
Harry M. Robinson, M.D.	Associate in Dermatology
Joseph E. Gately, M.D.	Instructor in Dermatology
A. C. Monninger, M.D.	Assistant in Dermatology

Clinical conferences one hour each week to entire class. This course will consist of demonstrations of the common diseases of the skin. Dr. Gilchrist.

Dispensary instruction, University Hospital, Mondays, Wednesdays and Fridays in the diagnosis and treatment of the common skin diseases. Drs. Abercrombie, Robinson and Gately. Dispensary instruction, Mercy Hospital. Dr. Rosenthal.

ORTHOPAEDIC SURGERY.

R. TUNSTALL TAYLOR, A.B., M.D.	Professor of Orthopaedic Surgery
ALBERTUS COTTON, A.M., M.D.	Professor of Orthopaedic Surgery
COMPTON RIELY, M.D.	Clinical Professor of Orthopaedic Surgery
W. H. DANIELS, M.D.	Associate in Orthopaedic Surgery
H. L. WHEELER, M.D.	Instructor in Orthopaedic Surgery
H. L. ROGERS, M.D.	Assistant in Orthopaedic Surgery

In this course didactic, clinical, bed-side and out-patient instruction will be given. This instruction is provided in the University Hospital Amphitheater and in the Dispensary, Mercy Hospital and Dispensary and Kernan Hospital and Industrial School for Crippled Children at "Radnor Park," and in the Dispensary of same at 620 West Lombard Street.

Lectures, clinics and quizzes will be held at each of the hospitals once a week. In addition, a weekly bedside clinic will be held for small sections of the class at "Radnor Park."

The course will cover instruction in special methods and instruments required in this surgical specialty, including X-Ray interpretation; Wolff's law; tuberculosis of bones and joints; deformities of the feet; non-tuberculous affiiction of bone and joints; the paralyses; the bursal, tendinous and muscular conditions producing orthopaedic affections; rickets, scurvy; osteomalacia; chondro-dystrophies; wry-neck and the use and application of orthopaedic apparatus.

ROENTGENOLOGY AND RADIOTHERAPY.

HENRY J. WALTON, M.D.	Professor of Roentgenology
ALBERTUS COTTON, M.D.	Professor of Roentgenology
CHARLES REID EDWARDS, A.B., M.D.	Associate in Radio Therapy
HOWARD E. ASHBURY, M.D.	Associate in Roentgenology

Instruction is given in the history, physics, and practical application of Roentgen Rays and Radium. Especial effort is made to demonstrate the use of the Roentgen Ray in diagnosis by instruction in both fluoroscopy and plate reading. The sections of the fourth year class receive two hours instruction each week.

The student is also taught the practical application of Radium and Roentgen Rays as therapeutic agents. In the X-Ray laboratory and in the hospital wards students are shown the use of these agents in the treatment of disease.

DISEASES OF THE THROAT AND NOSE.

Edward A. Looper, M.D.,	Clinical Professor of Diseases of the Throat and Nose
W. F. Zinn, M.D.	Associate Professor of Diseases of Throat and Nose
Frank B. Anderson, M.D.	Associate in Diseases of the Throat and Nose
R. F. McKenzie, M.D.	Instructor in Diseases of the Throat and Nose
R. J. Kemp, M.D.	Assistant in Diseases of the Throat and Nose

Third Year. Instruction to entire class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures are illustrated by lantern slides. Dr. Looper.

Fourth Year. Dispensary instruction daily to small sections at the University and the Mercy Hospitals. The student is given opportunity to study, diagnose and treat practical cases under an instructor. Ward classes and clinical demonstrations are given one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

GENITO-URINARY DISEASES.

Anton G. Rytina, A.B., M.D.	Professor of Genito-Urinary Diseases
W. H. Toulson, A.B., M.Sc., M.D.	Associate Professor of Genito-Urinary Diseases
Harris Goldman, M.D.	Associate in Genito-Urinary Diseases
A. J. Gillis, M.D.	Instructor in Genito-Urinary Diseases
L. K. Fargo, M.D.	Instructor in Genito-Urinary Diseases
H. C. Knapp, M.D.	Assistant in Genito-Urinary Diseases
H. T. Collenberg, M.D.	Assistant in Genito-Urinary Diseases
J. H. Collison, M.D.	Assistant in Genito-Urinary Diseases
Monte Edwards, M.D.	Assistant in Genito-Urinary Diseases

THIRD YEAR. 8 hours to the entire class. This course is a didactic one in the principles of Genito-Urinary Surgery. Dr. Toulson.

FOURTH YEAR. The course includes urethroscopy, cystoscopy, ureter catheterization, renal functional tests, urography, urine cultures, etc. The teaching consists of clinics in the amphitheater, ward rounds, and attendance by members of the Senior class upon out patients in the dispensary. The dispensary classes are carried on both at the Mercy and the University hospital dispensaries. In the latter institution, the Maryland State Department of Health conducts a venereal disease clinic, in which 22,346 visits were paid last year. Every variety of venereal disease is here encountered, and this rich wealth of material is available for teaching purposes. In addition to this, a cystocopic clinic is conducted in another part of the dispensary, where the students are given practical instruction in the modern diagnostic methods.

DISEASES OF THE COLON AND RECTUM

G. MILTON LINTHICUM, A.M., M.D.,	Professor of Diseases of Rectum and Colon
CHARLES F. BLAKE, M.D.	Professor of Diseases of Rectum and Colon
J. DAWSON REEDER, M.D.,	Associate Professor of Diseases of Rectum and Colon
L. J. ROSENTHAL, M.D.,	Associate Professor of Diseases of Rectum and Colon

THIRD YEAR. 6 hours to the entire class. This course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and will cover the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Linthicum.

The class is divided into sections for clinical instruction in the Baltimore City Hospital. Dr. Linthicum.

FOURTH YEAR. Ward and Dispensary instruction is given in the University and Mercy Hospitals where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope and examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Blake and Rosenthal. University Hospital—Drs. Linthicum and Reeder.

DEPARTMENT OF OBSTETRICS.

J. M. H. Rowland, M.D.	Professor of Obstetrics
George W. Dobbin, M.D.	Professor of Obstetrics
Bernard Purcell Muse, M.D.	Professor of Clinical Obstetrics
Charles E. Brack, M.D.	Clinical Professor of Obstetrics
L. H. Douglass, M.D.	Associate Professor of Obstertics
J. McF. Bergland, M.D.	Associate Professor of Obstetrics
E. P. Smith, M.D.	Associate in Obstetrics
Emil Novak, M.D.	Associate in Obstetrics
J. G. M. Reese, M.D.	Instructor in Obstetrics
Dudley Pleasants Bowe, M.D.	Instructor in Obstetrics
J. G. Murray, Jr., A.B., M.D.	Instructor in Obstetrics
Maurice Lazenby, M.D.	Assistant in Obstetrics
J. J. Erwin, M.D.	Assistant in Obstetrics
M. Alexander Novey, A.B., M.D.	Assistant in Obstetrics
Isadore H. Siegel, M.D.	Assistant in Obstetrics
Thelma V. Owen, M.D.	Assistant in Obstetrics

Third Year. Three lectures and recitations each week by Drs. Dobbin, Bergland, Novak and Rowland to entire class. Manikin Work, Drs. Brack, Smith and Erwin to sections of class at Mercy Hospital, and Drs. Douglass, Reese, Bowe, Novey and Rowland at University Hospital.

Fourth Year. Clinical Conference. One hour each week. Drs. Rowland, Douglass, Murray and Lazenby.

Ward Classes. Six hours per week for five weeks to sections of class at University Hospital. Drs. Douglass, Reese, Bowe, Novey and Rowland at University Hospital.

DEPARTMENT OF GYNECOLOGY.

William S. Gardner, M.D.	Professor of Gynecology
J. Mason Hundley, M.D.	Professor of Clinical Gynecology
Hugh Brent, M.D.	Associate Professor of Gynecology
Abraham Samuels, M.D.	Associate Professor of Gynecology
Geo. A. Strauss, M.D.	Associate in Gynecology
R. G. Willse, M.D.	Associate in Gynecology
T. K. Galvin, M.D.	Assistant in Gynecology
J. M. Hundley, Jr., M.D.	Assistant in Gynecology
Leo Brady, M.D.	Assistant in Gynecology

Third Year. *Didactic Work.* A course of thirty lectures and recitations.

Clinical Work. Six hours weekly for one trimester. In this course the student writes the clinical history of each patient in the ward, makes a general physical examination, including the blood and urine, before the patient is brought before the class. One student under supervision gives the anaesthetic, a pelvic examination is made by six students, and any operation required is then done before a section of the class small enough to see clearly what is being done and how it is done. On a subsequent day the whole group examine microscopically sections prepared from material removed from patients that have been before them.

DEPARTMENT OF OPHTHALMOLOGY AND OTOLOGY.

Harry Friedenwald, A.B., M.D.	Professor of Ophthalmology and Otology
J. W. Downey, M.D.	Clinical Professor of Otology
M. Randolph Kahn, M.D.	Associate Professor of Ophthalmology
H. K. Fleck, M.D.	Associate in Ophthalmology
Joseph I. Kemler, M.D.	Associate in Ophthalmology

Third Year. *Course in Diseases of the Eye.* Sept. 28th to January 23rd. Dr. Harry Friedenwald.

Course in Diseases of the Ear, Sept. 28th to January 23rd. Dr. Downey.

Practical Course in Ophthalmoscopy, once weekly, in sections. Dr. Kemler.

Fourth Year. *Clinics in Diseases of the Eye and Ear,* weekly. Drs. Harry Friedenwald and Downey.

Ward Studies of ocular and aural lesions associated with general medical diseases, once weekly in sections. Dr. Friedenwald.

Dispensary Instruction, daily to small sections. Drs. Kahn, Fleck, Downey and Kemler.

The courses in Ophthalmology and Otology are designed to familiarize the students with the common diseases of the eye and ear, their recognition and treatment, with a view to meet the needs of the general practitioner. Special emphasis is laid upon the relation between diseases of the eye and the ear and systemic diseases and diseases of other organs.

FIRST YEAR SCHEDULE—First Semester

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9 to 10	HISTOLOGY AND EMBRYOLOGY LABORATORY P. & S. 32				Histology P. & S. 34	Dissecting A. H. and Laboratory
10 to 11					Embryology P. & S. 34	
11 to 12.00	Histology & Embryology Laboratory P. & S. 32	Histology P. & S. 34	Histology & Embryology Laboratory P. & S. 32	Histology and Embryology Laboratory P. & S. 32	Bacteriology P. & S. 34	
12 M. to 1 P. M.	Lunch and Transfer	Lunch and Transfer	Lunch and Transfer	Bacteriology P. & S. 34	Lunch and Transfer	
1 to 2	Anatomy A. H. & C. H.		Anatomy A. H. & C. H.	Lunch and Transfer		
2 to 4	Dissecting Laboratory	Dissecting A. H. and Laboratory	Dissecting Laboratory	Dissecting A. H. and Laboratory	Dissecting A. H. and Laboratory	
4 to 5						

Classes in Anatomy and Dissecting at Lombard and Greene Streets; all other classes at Calvert and Saratoga Strets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
Anatomical Laboratory—Third Floor, Gray Laboratory—Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

FIRST YEAR SCHEDULE—Second Semester

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	HISTOLOGY AND EMBRYOLOGY LABORATORY P. & S. 32				Histology P. & S. 34	Dissecting A. H. and Laboratory
9.30 to 10.30					Embryology P. & S. 34	
10.30 11.30	Physiology P. & S. 34	Embryology P. & S. 34	Physiology P. & S. 34	Bacteriology P. & S. 34	Physiology P. & S. 34	
11.30 to 12.00	LUNCH					
P. M. 12 to 2	BACTERIOLOGY LABORATORY P. & S. 32					
2 to 2.30	TRANSFER					
2.30 to *5.30	ANATOMY AND DISSECTING A. H. and Laboratory					

Classes in Anatomy and Dissecting at Lombard and Greene Streets; all other classes at Calvert and Saratoga Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
Anatomical Laboratory—Third Floor, Gray Laboratory—Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.
* Neural Anatomy after April 10th.

SECOND YEAR—First Semester

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Satuday
A. M. 9 to 10	Physiology A. H.	Laboratory Physiology Section A Biological Chemistry Section B	Physiology A. H.	Laboratory Physiology Section B Biological Chemistry Section A	Pharmacology A. H.	Physiology L. B. 1
10 to 11	Biological Chemistry A. H.		Biological Chemistry A. H.		Biological Chemistry A. H.	Pharmacology A. H.
11 to 12.00	Pathology A. H.		Pharmacology A. H.		Pathology A. H.	Immunology A. H.
12.00 to 12.30	Lunch	LUNCH AND TRANSFER PERIOD				12-1 Pathology A. H.
P. M. 12.30 2.30	Laboratory Pharmacology Section A or B	Laboratory Immunology and Serology P. & S. 32		Medicine P. & S. 34	Immunology P. & S. 34	1-1.30 Lunch
2.30 3.30				Surgery P. & S. 34	Surgery P. & S. 34	
3.30 to 5.30	Surgical Anatomy P. & S. 33 and Laboratory	Surgical Anatomy P. & S. 33 and Laboratory	Surgical Anatomy P. & S 33 and Laboratory	Surgical Anatomy P. & S. 33 and Laboratory	Laboratory Pharmacology Section B or A	

Classes on Tuesdays, Wednesdays, Thursdays and Fridays from 12.30 to 5.30, at Calvert and Saratoga Streets; all other classes at Lombard and Greene Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
L. B. 1—Law Building—First Floor, Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

SECOND YEAR SCHEDULE—Second Semester

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Physiology A. H.	Laboratory Physiology Section A Biological Chemistry Section B	Physiology A. H.	Laboratory Physiology Section B Biological Chemistry Section A	Pharmacology A. H.	Physiology L. B. 1
9.30 to 10.30	Biological Chemistry A. H.		Biological Chemistry A. H.		Biological Chemistry A. H.	Pharmacology A. H.
10.30 to 11.30	Pathology A. H.		Pharmacology A. H.		Pathology A. H.	11 to 12 Pathology A. H.
11.30 to 12.00	LUNCH					Medical Clinic Amp.
P. M. 12 to 2	PATHOLOGY LABORATORY					
2 to 3	Laboratory Pharmacology Section A Biological Chemistry Section B	Laboratory Pharmacology Section A Physiology Section B	Physical Diagnosis Univ. Hosp. Disp.	Laboratory Pharmacology Section B Physiology Section A	Laboratory Pharmacology Section B Biological Chemistry Section A	
3 to 4						
4 to 5						

All classes at Lombard and Green Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
L. B.—Law Building—First Floor, Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital, S. W. Cor. Lombard and Greene Streets.

THIRD YEAR SCHEDULE

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Therapeutics C. H.	Pathology C. H.	Medicine C. H.	Surgery C. H.	Pathology C. H.	Surgery C. H.
9.30 to 10.30	Obstetrics C. H.	Surgery C. H.	Obstetrics C. H.	Medicine C. H.	Medicine C. H.	Therapeutics C. H.
10.30 to 1	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch
1 to 2	Medical Clinic Amp.	Surgery C. H.	Neurology P. & S. 33	Obstetrics P. & S. 33	Gynecology P. & S. 33	Transfer
2.15 to 4.15	Pathology Laboratory	Pathology Laboratory	2.30-4.30 Section A Clinical Medicine Surgery Gross Pathology at Bay View	Clinical Pathology Laboratory P. & S. 34, 32	Clinical Pathology Laboratory P. & S. 34, 32	2-4 Section B Clinical Medicine Surgery Gross Pathology at Bay View
4.15 to 5.15	Pediatrics A. H.	Eye and Ear C. H.	2.15-4.15 Section B Group Work Ophthalmoscopy Practical Obstetrics Univ. Hosp.	Preventive Medicine Legal Medicine Mental Hygiene P. & S. 34	Preventive Medicine P. & S. 34	

From 10.30 A. M. to 1.00 P. M. the class is divided into two sections, one section reporting at Calvert and Saratoga Streets, the other at Lombard and Greene Streets.

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital, S. W. Cor. Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

At the beginning of the second semester Section "A" at Bay View on Saturdays, 2-4 P. M., and University Hospital on Wednesdays, 2.15-4.15 P. M.; Section "B" at Bay View on Wednesdays, 2.30-4.30 P. M.

FOURTH YEAR SCHEDULE

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 11.00	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology
11.00 to 12.00	Orthopaedic Surgery Univ. Sec. Amp. P. & S. Sec. 51	Medical Clinic Univ. Sec. Amp. Surgical Pathology P. & S. Sec. 40	Clinical Pathological Conference Univ. Sec. C.H. P. & S. Sec. 33	Surgical Clinic Univ. Sec. Amp. P. & S. Sec. 51	Medical Clinic Univ. Sec. Amp. P. & S. Sec. 33	Pediatrics Clinic Univ. Sec. Amp. P. & S. Sec. 33
P. M. 12 to 2	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary
2.15 to 3.15	Dermatology Clinic (Full Class at Univ. Hosp.) Amp.	Neurology Clinic Univ. Sec. Amp. P. & S. Sec. 33	Eye and Ear Clinic (Full Class at Univ. Hosp.) Amp.	Genito-Urinary Clinic P. & S. Sec. 51 Obstetrical Clinic Univ. Hosp. Amp.	Gastro-Enterology Clinic (Full Class at Univ. Hosp.) Amp.	
3.30 to 5.00	Ward Classes Medicine Urology Eye and Ear	Ward Classes Therapeutics Proctology Radiotheraphy	Ward Classes Medicine Roentgenology Preventive Medicine	Ward Classes Medicine Orthopaedic Surgery Physical Therapeutics	Ward Classes Neurology Nose & Throat Psychiatry	

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, e other at Calvert and Saratoga Streets, for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These oups will rotate on the following dates:

FIRST SEMESTER	SECOND SEMESTER.
1st period, Sept. 28th to Oct. 31st.	1st period, Jan. 25th to Feb. 27th.
2nd period, Nov. 2nd to Dec. 5th.	2nd period, Mch. 1st to Apr. 10th.
3rd period, Dec. 7th to Jan. 23rd.	3rd period, Apr. 12th to May 15th.

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital.
P. & S., 33, 34—Second Floor, Calvert and Saratoga Streets.
P. & S., 40, 51—Fourth Floor, Calvert and Saratoga Streets.

REQUIREMENTS FOR MATRICULATION.

Admission to the course in medicine is by a completed Medical Student Certificate issued by the Registrar of the University of Maryland. This certificate is obtained from the Registrar on the basis of satisfactory educational credentials, and is essential for admission to any class.

The requirements for the issuance of the Medical Student Certificate are:

(a) The completion of a standard four-year high school course or the equivalent, and in addition, at least

(b) Two years or sixty semester hours of college credits, including chemistry, biology, physics and English.

Women are admitted to the School of Medicine of this University.

(A) HIGH SCHOOL REQUIREMENTS.

Graduation from an accredited high or preparatory school after pursuing a four-year course based upon an eight-year elementary course or its full equivalent as demonstrated by entrance examinations.

At least fifteen units must be offered.‡

SCHEDULE OF SUBJECTS REQUIRED OR ACCEPTED FOR ENTRANCE TO THE PRE-MEDICAL COLLEGE COURSE

Subjects	Units*	Required
GROUP I, ENGLISH—		
Literature and Composition	3–4	3
GROUP II, FOREIGN LANGUAGES—		
Latin	1–4	2†
Greek	1–3	
French or German	1–4	
Other foreign languages	1–4	

GROUP III, MATHEMATICS—		
Elementary algebra	1	1
Advanced algebra	½–1	......
Plane geometry	1	1
Solid geometry	½	......
Trigonometry	½	......
GROUP IV, HISTORY—		
Ancient history	1	1
Medieval and modern history	1	
English history	1	
American history	½–1	
Civil government	½–1	
GROUP V, SCIENCE—		
Botany	½–1	1
Zoology	½–1	
Chemistry	1	
Physics	1	
Physiography	½–1	
Physiology	½–1	
Astronomy	½	
Geology	½–1	
GROUP VI, MISCELLANEOUS—		
Agriculture	1–2	......
Bookkeeping	½–1	......
Business law	½	......
Commercial geography	½–1	......
Domestic science	1–2	......
Drawing, freehand and mechanical	½–2	......
Economics and economic history	½–1	......
Manual training	1–2	......
Music: Appreciation or harmony	1–2	......

*A unit is the credit value of at least thirty-six weeks' work of four or five recitation periods per week, each recitation period to be not less than forty minutes. In other words a unit represents a year's study in any subject in a secondary school constituting approximately a quarter of a full year's work. A satisfactory year's work in any subject cannot be accomplished under ordinary circumstances in less than 120 sixty-minute hours, or their equivalent.

†Both of the required units of foreign language must be of the same language, but the two units may be presented in any one of the languages specified.

‡Of the fifteen units of high school work, nine units are required, as indicated in the foregoing schedule; the remainder may be made up from any of the other subjects in the schedule, provided that at least eleven units must be offered in Groups 1-V.

(B) DETAILS OF THE COLLEGE REQUIREMENT.

a. The preliminary college course shall extend through two college sessions of at least thirty-two weeks each of actual instruction, including final examinations.

b. In excellence of teaching and in content, the work of this preliminary college course shall be equal to the work done in the freshman and sophomore years in standard colleges and universities.

c. This preliminary college course shall include courses in physics, chemistry, biology, and English, each course to embrace at least six, eight or twelve hours of work in each subject, as shown in the schedule following.

SCHEDULE OF SUBJECTS OF THE TWO-YEAR PRE-MEDICAL COLLEGE COURSE.

Sixty Semester Hours Required

Required Courses:	*Semester Hours*
Chemistry (a)	12
Physics (b)	8
Biology (c)	8
English Composition and Literature (d)	6

Courses Strongly Urged:

A modern foreign language.
Comparative vertebrate anatomy.
Psychology.
Social science.

A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be of not less than fifty minutes' duration net, at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

(a) Chemistry. Twelve semester hours required, of which at least eight semester hours must be in general inorganic chemistry, including four semester hours of laboratory work. In the interpretation of this rule, work in qualitative analysis may be counted as general inorganic chemistry. The remaining four semester hours required shall consist of work in organic chemistry.

(b) PHYSICS. Eight semester hours required, of which at least two must be laboratory work. This course presupposes a knowledge of plane trigonometry.

(c) BIOLOGY. Eight semester hours required, of which four must be laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology, or by courses of four semester hours each in zoology and botany, but not by botany alone.

(d) ENGLISH COMPOSITION AND LITERATURE. The usual introductory college course of six semester hours, or its equivalent, is required.

COMBINED COURSE IN ARTS AND MEDICINE.

A combined seven years' curriculum is offered, leading to the degrees of Bachelor of Science and Doctor of Medicine. The first three years are taken in residence at College Park, and the last four years in Baltimore, at the School of Medicine. The premedical curriculum constitutes the first two years' work and the third year follows a general outline of prescribed and elective courses approved by the chairman of the premedical committee and the dean of the College of Arts and Sciences.

Upon the successful completion of the first year in the School of Medicine, and upon the recommendation of the dean, the degree of Bachelor of Science may be conferred by the College of Arts and Sciences at College Park.

Students are urged to consider carefully the advantages this combination course offers over the minimum requirements of the two years. By completing three years the training may be gradually broadened by a wider latitude in the election of courses in the arts subjects.

POST-GRADUATE STUDENTS.

Graduates in medicine desiring to take the work of the senior year without being candidates for the degree and, therefore, without examination, may receive a certificate of attendance on completing the full course satisfactorily.

The requirements for graduates in medicine admitted to the fourth year class as candidates for the degree of Doctor of Medicine are the same as those enforced against undergraduates admitted to advanced standing.

Summer Post-Graduate Courses—In the April number of the Bulletin detailed announcement will be made of the Postgraduate Summer Courses.

RULES.

1. All students are required to take the spring examinations unless excused by the Dean. No student will be permitted to advance from a lower to a higher class with conditions.

2. Should a student be required to repeat any year in the course he must pay regular fees.

3. A student failing in final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and to take examinations in such other branches as may be required, should he be again permitted to enter the school as a candidate for graduation.

4. The general fitness of a candidate for graduation will be taken into consideration by the Faculty as well as the results of his examination.

5. All first, second and third year students entering the School of Medicine of the University of Maryland are required to provide themselves with microscopes of a satisfactory type.

A standard microscope of either Bausch & Lomb, Leitz, Spencer Lens or Zeiss make, fitted with the following attachments, will fill the requirements:

Triple nose piece.
Wide aperture stage.
Quick screw condenser (Abbe).
10 x and 5 x Oculars.
16mm. and 4mm. Objectives.
1.9mm. 1.25 N.A. Oil Immersion Lens.

All the above rules, as well as the fees stated below, relate to the year ending June 5, 1926, only. The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the Faculty deem it expedient.

FEES.

Matriculation fee (paid once)	$10.00
Tuition fee (each year) for residents of Maryland	250.00
Tuition fee (each year) for non-residents	300.00
Laboratory fee (each year)	10.00
Special and re-examination fee	5.00
Graduation fee	10.00

No fees are returnable.

The above fees apply to all students who matriculate in this institution in any class for the session beginning September 28, 1925.

All students, after proper certification, are required to register at the Registrar's office. The last date of registration is October 5, 1925.

Matriculation, laboratory and tuition fees for the first semester shall be paid at the time of registration, and for the second semester on or before February 6th, 1926.

Failure to meet these conditions will automatically debar the student from attendance on classes and other privileges of the University.

Students who fail to pay the tuition and other fees, on or before the last day of registration, for each term or semester, as stated in the catalogue, will be required to pay as an addition to the fees required the sum of Five ($5.00) Dollars and if the payment so required shall not be paid before twenty (20) days from the beginning of said term or semester, the students name shall be stricken from the rolls.

Students who are minors are considered to be resident students, if at the time of their registration, their parents or guardians have been residents of this state for at least one year.

Adult students are considered to be resident students, if at the time of their first registration they have been residents of this state for at least one year.

The status of the residence of a student is determined at the time of his first registration in the University and may not thereafter be changed by him unless his parents or guardians move to and become legal residents of this State.

PRIZES AND SCHOLARSHIPS

FACULTY PRIZE.

To stimulate study among the candidates for graduation, the Faculty offers a Gold Medal to the candidate who secures the highest average during the four years of his course. Certificates of Honor are awarded to the five candidates standing next highest.

DR. JOSE L. HIRSH MEMORIAL PRIZE.

A prize of $50.00 is given each year by Mrs. David Myers as a memorial to the late Dr. Jose L. Hirsh, formerly Professor of Pathology in this School, to the student in the third year who has done the most satisfactory work in Pathology during his second and third years.

SCHOLARSHIPS.

The Dr. Samuel Leon Frank Scholarship.

(Value, $125.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this University.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Medical Council, "to a medical student of the University of Maryland, who, in the judgment of said Faculty, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student, who has successfully completed one year's work in this school, and no student may hold such scholarship for more than two years.

The Charles M. Hitchcock Scholarships.

(Value, $125.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M. D., an alumnus of the University.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University upon nomination by the Medical Council to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Faculty satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

The Randolph Winslow Scholarship.

(Value, $125.00)

This scholarship was established by Prof. Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Medical Council, to "a needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Medical Council that he is worthy of and in need of assistance."

The Dr. Leo Karlinsky Scholarship.

(Value, $200.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the University.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Medical Council, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85 per cent. in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Medical council that he is worthy of and in need of assistance."

The University Scholarships.

Two Scholarships are awarded by the University. One to a student of the Department of Liberal Arts appointed by the President to be held for only one year; the other, which entitles the holder to exemption from payment of the tuition fee of the year, is awarded annually by the Medical Council to a student of the Senior Class who presents to the Medical Council satisfactory evidence that he is of good moral character and is worthy of and in need of assistance to complete the course.

Frederica Gehrmann Scholarship.

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and entitles the holder to exemption from payment of tuition fees. The scholarship is awarded to a third year student who at the end of the second year passes the best practical examination in Anatomy, Physiology, Biological Chemistry, Pharmacology, Pathology, Immunology and Serology.

The Clarence and Genevra Warfield Scholarships.

(Valuation $300.00 each)

There are five scholarships established by the Regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships will be available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited or in a county selected by the Council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Council, the money advanced by the Regents shall be refunded. A bond in the amount of $1,200, the expense of which is borne by the Fund, must be filed by the student accepting one of these scholarships for faithful performance of the conditions imposed.

Israel and Cecilia E. Cohen Scholarship.

(Value $250.00)

This scholarship was established by Miss Eleanor S. Cohen in memory of her parents, Israel & Cecilia E. Cohen. Terms and conditions:

This scholarship will be available to students of any of the classes of the course in Medicine; preference is given to students of the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the Council.

ANNUAL HOSPITAL APPOINTMENTS.

On February first of each session the following annual appointments are made from among the graduates of the school:

TO THE UNIVERSITY HOSPITAL

Two Resident Surgeons.
Two Resident Physicians.
One Resident Gynecologist.
One Resident Obstetrician
Thirteen Junior Residents on a Rotating Service.

A number of students are appointed each year, at the close of the session, as Clinical Assistants in the University Hospital for the summer months.

TO THE MERCY HOSPITAL

Chief Resident Physician.	One Resident Gynecologist.
Three Resident Surgeons.	One Resident Obstetrician.
One Resident Physician.	Eight Junior Residents on a Rotating Service

NOTICE TO STUDENTS.

The personal expenses of the students are at least as low in Baltimore as in any large city in the United States. The following estimates of a student's personal expenses for the academic year of eight months have been prepared by students, and are based upon actual experience.

Items.	*Low*	*Average*	*Liberal*
Books	$27	48	75
College Incidentals	20	20	20
Board, eight months	200	250	275
Room rent	64	80	100
Clothing and laundry	50	80	150
All other expenses	25	50	75
Total	$386	$529	$695

Students will save time and expense upon their arrival in the city by going direct to the School of Medicine on the University grounds, N. E. corner of Lombard and Greene Streets, where the Superintendent of Buildings, who may be found at his office on the premises, will furnish them with a list of comfortable and convenient boarding houses suitable to their means and wishes.

The Dean will, if desired, attend to the collection of checks and drafts for students.

For further information, apply to

J. M. H. Rowland, M. D., *Dean*,
Lombard and Greene Streets.

MATRICULATES, UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS, 1924-25.

Fourth Year Class.

Balcerzak, Stanley Paul............Pennsylvania
Briglia, Nicholas Natale............Pennsylvania
Brown, Leo T................District of Columbia
Byerly, Marshall Paul............North Carolina
Cadle, William Rodman....................Maryland
Cardinale, Pasquale F..................New Jersey
Caso, Jose..Porto Rico
Clahr, Abraham Albert....................New York
Coe, John Marburg.............................Maryland
Coonan, Thomas Joseph, A.B.........Maryland
Cope, Arthur Alexander, A.B...Pennsylvania
Dodd, Benjamin Roscoe, A.B., North Carolina
Dodge, Eva Francette, A.B...North Carolina
Draper, Leonidas McFerrin, A.B. North Carolina
Dreskin, Jacob Louis......................New Jersey
Eastland, John Sheldon, A.B.........New York
Elgin, Lee William...........................Maryland
Ellis, Francis A., A.B.......................Maryland
Epstein, Harry Herman..................New York
Everett, Franklin Redman..............Maryland
Fancher, Henry Wilson, Jr., B.S., Connecticut
Farber, Raphael ....Pennsylvania
Fields, Abijah Clements......................Alabama
Fischman, Harold H.......................New Jersey
Friedman, Bernard...........................New York
Fuchs, Abner M...............................New York
Gale, Louis Harry........................Pennsylvania
Gaston, William Bryan............West Virginia
Gattens, Wilbur Elton, B.S.............Maryland
Glick, Samuel, A.B.............................Maryland
Gurley, Hubert Taylor............North Carolina
Hall, Cecil Maurice, B.S.........West Virginia
Hammond, Kent Cato, B.S.....West Virginia
Herbert, Alpha Nathan..................New Jersey
Hertz, Ben..New York
Hofler, Ralph Hayes................North Carolina
Howell, James Gerald, B.S.......Pennsylvania
Hulla, Jaroslav....................................Maryland
Jacobs, Morris Albert.........................Maryland
Keating, John Patrick.................Connecticut
Kimbrough, Joseph William, Jr., North Carolina
Knotts, William Kenneth..................Maryland
Laus, Edward Raymond..................New York
Leibensperger, George Franklin, Pennsylvania
Lennon, William Earle..........North Carolina
Linde, Samuel Arthur.......................Maryland
London, Daniel...................................New York
Lowe, Claude Milton..................Pennsylvania
McAnally, Alfred Loomis......North Carolina
Miller, Edgar Raymond, A.B...Pennsylvania
Minnefor, Charles A.......................New Jersey
Montani, Anthony Carmen, B.S.............Ohio
Nataro, Joseph................................New Jersey
Navarro, Vicente Aguirre, A.B., Philippine Islands
Nelson, James Wharton, A.B.........Maryland
Nock, Randolph Maxwell..................Maryland
Oshrin, Henry..................................New Jersey
Pinsky, Myer Mordecai..................New Jersey
Plassnig, Edwin, B.S.........................Maryland
Polizotti, Joseph Louis.................New Jersey
Pulaski, Leo Edward..................Pennsylvania
Rathsprecher, Isadore....................New Jersey
Reynolds, Knight, B.S............West Virginia
Richmond, Lewis Cass, Jr., A.B.....Kentucky
Roberts, Bryan Nazer, A.B...North Carolina
Sarnoff, Jack.......................................New York
Silverstein, Jacob Maurice............New Jersey
Simon, Joseph Ralph..................Pennsylvania
Simpson, Henry Hardy, A.B...North Carolina
Sinton, William Allen..........................Virginia
Spelsburg, Walter William, B.S., West Virginia
Sulman, William Richard.........Pennsylvania
Tomaiuoli, Michael Francis..........New Jersey
Turner, Thomas Bourne, B.S.........Maryland
Vila-Morales, Jaime.........................Porto Rica
Visconti, Joseph Albert................New Jersey
Ward, William Titus, A.B.....North Carolina
Wassersweig, Martin Max........Pennsylvania
Widmeyer, Robert Samuel, B.S., West Virginia
Wiener, Joseph..................................New York
Wilson, Paul Russell, B.S.,....West Virginia
Winstead, John Lindsay........North Carolina
Zimmerman, Charles C......................Maryland

Third Year Class.

Alford, Ralph Judson, B.A.	North Carolina
Anker, Harry	Ohio
Askin, Aaron John, A.B.	Maryland
Ballard, Margaret Byrnside	West Virginia
Beachley, Jack Henson	Maryland
Berry, Robert Alford	Georgia
Blough, Homer Chester, B.S.	Pennsylvania
Bronstein, Irving	New York
Calvin, Warren Ellwood, B.S.	Maryland
D'Angelo, Antonio Francesco	Rhode Island
DeVincentis, Henry	New Jersey
Diamond, H. Elias, B.S.	New York
DiPaula, Frank Rosario, A.B.	Maryland
Dyer, Newman Houghton, B.S.,	West Virginia
Eanet, Paul	District of Columbia
Edmonds, Charles William	Maryland
Elliott, Julian Carr, A.B.	Virginia
England, Welch, B.S.	West Virginia
Fine, Morris Aaron	Maryland
Finkelstein, Abraham Harry	New York
Freedman, Herman	New Jersey
Freedman, Max	New Jersey
Freuder, Arthur Nathan	New York
Geraghty, Francis Joseph, A.B.	Maryland
Gerber, Isadore Earle, A.B.	Maryland
Gordon, Abel, B.A.	New Jersey
Gorham, Herbert Jenkins	North Carolina
Graham, John Wirt, B.A.	Maryland
Helfond, David Mathew, B.S.	New York
Hendrix, Nevins Byford, A.M.	Maryland
Hibbitts, John Thomas	Maryland
Hyman, Colvin, A.B.	Maryland
Jensen, Jacob Roed, B.S.	Denmark
Johnson, Phil, B.S.	West Virginia
Jolson, Meyer Stanley, A.B.	Maryland
Knapp, Alphonse, Joseph, A.B.	Maryland
Krosnoff, John Alexander, B.S.,	Pennsylvania
Lavy, Louis Theodore	Maryland
Leake, Everette Majjette	North Carolina
Levin, H. Edmund, B.S.	Maryland
Levin, Isadore Leonard, A.B.	Ohio
Levin, Joseph	New Jersey
Loftin, William Frank English, A.B.,	North Carolina
Lumpkin, Lloyd Uber, B.S.	Maryland
Lusby, Frank Farrier, A.B.	Maryland
Manginelli, Emanuel	New York
Merkel, Walter Clarence, A.B.	Pennsylvania
Miller, Harry G.	New York
Misenheimer, Ed Alexander	North Carolina
Moriconi, Albert Francis	New Jersey
Polsue, William Clewell	West Virginia
Rattenni, Arthur	Rhode Island
Rocco, Frank	New Jersey
Rosenberg, Albert Abraham	Pennsylvania
Rosenfeld, Max Harry, A.B.	Maryland
Rothberg, Abraham S., B.S.	New York
Sashin, David	New York
Sax, Benjamin J.	New York
Schenker, Paul	Maryland
Schmuckler, Jacob	New Jersey
Schneider, David, A.B.	Maryland
Schuman, William, A.B.	Maryland
Schwartz, Ralph Alfred	New Jersey
Scullion, Arthur Anthony, B.S.	New Jersey
Sherman, Elizabeth Bowman, A.B.	Virginia
Spano, Frank	New Jersey
Tayloe, Gordon Bennett, B.A.,	North Garolina
Tayntor, Lawis Olds, Pc.C.	Pennsylvania
Teagarden, Ersie Van, B.S.	West Virginia
Teitelbaum, Maurice L.	New York
Tobias, Herbert Ramsay	Maryland
Totterdale, William Grainger, A.B.,	Maryland
Trubek, Max, A.B.	New Jersey
Weinstein, Samuel	New Jersey
Weiss, Louis Leo	New York
Weseley, Louis Jerome	New York
Whicker, Guy Lorraine, B.A.,	North Carolina
Wolfe, Samuel Benjamin	Maryland

Second Year Class, 1924-1925.

Adzima, Joseph Matthew	Connecticut
Aptaker, Albert Jack	New York
Armacost, Joshua Harper	Maryland
Bankhead, John Marion, B.S.,	South Carolina
Barnett, Edwin Dwight, A.B	California
Basil, George Chester, Ph. G	Maryland
Belsky, Hyman	New Jersey
Benesunes, Joseph George, A.B	Maryland
Bialostosky, Julius, B.S	New York
Birnbaum, Joseph Osias	New York
Bloch, Adolph	New Jersey
Cadden, John Francis, Jr	West Virginia
Carey, Thomas Nelson	Maryland
Castronovo, Joseph	Rhode Island
Chase, William Wiley, A.B	Maryland
Clemson, Earle Princeton	Maryland
Cohen, Bernard J., Ph.G	Maryland
Cohen, Morris Daniel	New York
Davis, Henry Vincent	Maryland
Donchi, Sol Marvin, B.S	New Jersey
Eliason, Harold William	West Virginia
Feldman, Jacob	New York
Friedman, Meyer Henry	New Jersey
Gellar, Abraham, B.S	New York
Gill, Charles Edward	Delaware
Gillis, Francis Winfred	Maryland
Ginsberg, Henry	Maryland
Glass, Louis Joseph, Ph. G	Maryland
Glick, Bernard	New Jersey
Goldberg, Isidore	New Jersey
Golstein, Milton Joseph	New York
*Grossfeld, Michael Joseph	Maryland
Heisley, Rowland S	Maryland
Hewitt, John Frank, A.B	Maryland
Hummel, Ira Lee Cottrell	New Jersey
Jones, Ora Reed	Ohio
Kahan, Philip J	New York
Karns, Clyde Filmore, B.S	Maryland
Kaufman, Israel, B.S	New York
Klawans, Maurice Francis	Maryland
Kutner, Charles	New Jersey
Lassman, Samuel, B.S	New York
Lazow, Sol M	New York
Lenson, Byruth King (Mrs.)	Maryland
Leyko, Julius Joseph, A.B	Maryland
Lilly, Goff Platt	West Virginia
*Matassa, Vincent Louis	Maryland
Mattikow, Bernard, B.S	New York
*Michel, George Charles	Maryland
Moran, John Edward, Ph.G	New Hampshire
Morris, Frank Kailer, A.B	Maryland
Nussbaum, Samuel	New York
Peake, Clarence William	Kentucky
Phillips, John Roberts, A.B	Maryland
Reifschneider, Herbert E., A.B	Maryland
Rich, Benjamin Sunderland, A.B	Maryland
Roetling, Carl Paul	Maryland
Ruiz, Emilio M., B.S	Porto Rico
Saffell, James Glen	Maryland
Schnierer, Samuel Benjamin	Connecticut
Schwedel, John Bernard	Maryland
Slagle, Alexander Russell, A.B	Maryland
Smith, Paul L	Pennsylvania
Sobkov, Samuel	Maryland
Sparta, Anthony	Pennsylvania
Stacy, Theodore Edwin, Jr., Ph.G.,	Pennsylvania
Stonesifer, Charles Hiram, A.B	Maryland
Susser, Max Herman	New Jersey
Swank, James Levy, B.S	Pennsylvania
Swartzwelder, Wallace Ray	Pennsylvania
Teague, Francis Bailey	Virginia
Tenaglia, Entimio Domenico	Rhode Island
Thompson, Thomas Payne, A.B	Maryland
Tollin, Louis	New Jersey
Tumminnello, Salvatore Anthony	Maryland
Upton, Hiram Eugene, B.S	Vermont
Voigt, Herman Albert, Ph.G	Maryland
Von Schulz, Augustine Paul	Maryland
Wack, Frederic Van Deursen, B.S.,	New Jersey
Waesche, Frederick Seton, A.B	Maryland
Whittington, Claude Thomas	North Carolina
Williams, Palmer Francis Castiglione, B. S.	Maryland
Wilner, Joseph Walter	New York
Wohlreich, Joseph Jacob	New Jersey
Wollak, Theodore	Maryland

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* Did not complete year.

First Year Class, 1924-1925.

Aiau, Chadwick Kanekoa	T. H.
Albaugh, Guy Clinton	Pennsylvania
Baer, Adolph	New York
Bedri Marcel Rechtman	Palestine
Benson, Alvan Homer	Maryland
Berger, William Adolph, B.S.	New Jersey
Bernhard, Robert	New York
Blecherman, Irving Ezra	New York
Bonelli, Nicholas William	New Jersey
Brager, Simon	Maryland
*Brocato, Charles Vincent	Maryland
Brown, Nellie Madeleine	Pennsylvania
Chor, Herman, A.B	Maryland
Christian, William	Pennsylvania
Dailey, Cornelius Michael	Pennsylvania
DeBarbieri, Fred Louis, A.B	Pennsylvania
Duckwall, Frederick Mooman	West Virginia
*Engelke, Edmund Harrison, B.S	Maryland
Fedder, Eli, Ph.G	Maryland
Fifer, Jesse Showalter, A.B	Delaware
Friedman, Bernard	New York
Gaffney, Charles Bernard	Connecticut
Gaskins, Theodore Grady	North Carolina
Gelber, Jacob Saul	New York
Giocolano, Ralph Gabriel	New York
Goldberg, Victor, Ph.G	Maryland
Goodman, Jerome Edward, Ph.G	Maryland
Greenberg, Harry, Ph.G	Maryland
Grollman, Aaron Isaac, B.S	Maryland
Guiglia, Sascha Facchetti	New York
Gülck, George Krohn, B.S	Denmark
Gundry, Lewis Perkins, A.B	Maryland
Hankin, Samuel Jacob	Maryland
Hayden, Benjamin Stephen, Jr	Maryland
Herold, Lewis Jacob, Ph.G	New York
Johnson, Walter Brenaman, A.B	Maryland
Jones, Henry Alvan, Ph.G	Maryland
Kaminsky, Philip	New York
*Kemp, Alexander Brown	Maryland
Kohn, Theodore	South Carolina
*Krolicki, Thaddeus Alphonsus	Connecticut
Lampert, Hyman	New York
Lamstein, Jacob Irving, B.S	New York
Laukaitis, Joseph George	Maryland
*Lazarus, Max	New Jersey
Lerner, Morris	New York
Levinsky, Maurice	Connecticut
Levinson, Louis Jack	New York
Levy, Walter Howard	New York
Limbach, Earl Frederick, A.B	Ohio
Little, Luther Emmanuel, Ph.G	Maryland
Littman, Irving I	Maryland
Lyon, Isadore Bernard, A.B	Maryland
Mace, John, Jr., B.S	Maryland
Maddi, Vincent Michael, A.B	New York
Maged, Abraham John, A.B	New York
Matsumura, Junichi	T. H.
McCeney, Robert Sadler, A.B	Maryland
McFaul, William Neal, Jr., A.B	Maryland
McGowan, Joseph Francis	Pennsylvania
McKee, Albert Vincent	Pennsylvania
Meister, Aaron	New York
Merksamer, David, A.B	New York
Merlino, Frank Anthony	New Jersey
Messina, Vincent Michael	Maryland
*Moore, Charles Mortimore	Virginia
Mostwill, Ralph	New Jersey
*Nagle, Carl Rotan	Maryland
Neuman, Finley Frederick, A.B	Ohio
*Pass, Victor Earl, Ph. G	Maryland
Pegues, William Leak, A.B	South Carolina
Piacentine, Pasquale Anthony	New York
Pileggi, Peter	New Jersey
Postrel, Lewis Louis	New York
Rascoff, Henry	New York
Repasky, John	Ohio
Rosen, Marks Julius	New York
*Ross, Arthur Isaac	New York
Rubenstein, Hyman Solomon, Ph.G.,	Maryland
Rutter, Joseph Howard	Florida
Saffron, Morris Harold, A.B	New Jersey
Sardo, Samuel Philip	Pennsylvania
Silver, Abraham Alfred	Connecticut
Singer, Jack Jerome	Maryland
Smith, Lazarus	New York
Smoot, Aubrey Cannon, A.B	Maryland
Smoot, Merril Clayville, B.S	Maryland
Stone, Jesse Edwin, A.B	Maryland
Tannenbaum, Morris, B.S	New York
Taylor, Charles Vivian, A.B	Maryland
Tenner, David, Ph.G	Maryland
Tkach, Nathan Hersh	New York
Varney, William Henry	Maryland
Vernaglia, Anthony Paul Joseph	New York
Vogel, S. Zachary	New York
Volenick, Leon Joseph	New York
Walter, Frank Pierce	Maryland
Ward, Hugh Walter, A.B	Maryland
Warner, Carroll Gardner, A.B	Maryland
Weintraub, Fred Siegfried, B.S.,	Pennsylvania
Weisenfeld, Nathan, B.S	Connecticut
Weiss, Aaron	New York
*White, Beulah May (Miss)	Maryland
Wilkerson, Albert Russell, Ph.G	Maryland
Wolf, Frederick Samuel	Maryland
Woolley, Alice Stone (Miss), B.S	Maryland
Wurzel, Milton	New Jersey
Zimmerman, Frederick Thomas, A.B.,	Pennsylvania

* Did not complete year.

GENERAL SUMMARY OF STUDENTS ATTENDING THE UNIVERSITY OF MARYLAND

SESSION OF 1924-25.

College of Agriculture		266
College of Arts and Sciences		354
School of Business Administration		620
Regular	230	
Extension	390	
School of Dentistry		479
College of Education		410
Regular	97	
Extension	313	
College of Engineering		209
Graduate School		74
College of Home Economics		24
School of Law		550
School of Medicine		354
School of Nursing		99
School of Pharmacy		228
Summer School, 1924, College Park		486
Summer School, 1924, School of Business Administration		52
Total		4205
Duplications		160
Net Total		4045

GRADUATES OF UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS,

JUNE 6, 1925.

Balcerzak, Stanley Paul	Pennsylvania
Briglia, Nicholas Natale	Pennsylvania
Brown, Leo T.	District of Columbia
Byerly, Marshall Paul	North Carolina
Cadle, William Rodman	Maryland
Cardinale, Pasquale F.	New Jersey
Caso, Jose	Porto Rico
Clahr, Abraham Albert	New York
Coe, John Marburg	Maryland
Coonan, Thomas Joseph, A.B.	Maryland
Cope, Arthur Alexander, A.B.	Pennsylvania
Dodd, Benjamin Roscoe, A.B.,	North Carolina
Dodge, Eva Francette, A.B.	North Carolina
Draper, Leonidas McFerrin, A.B.,	North Carolina
Dreskin, Jacob Louis	New Jersey
Eastland, John Sheldon, A.B.	New York
Elgin, Lee William	Maryland
Ellis, Francis A., A.B.	Maryland
Epstein, Harry Herman	New York
Everett, Franklin Redman	Maryland
Fancher, Henry Wilson, Jr., B.S.,	Connecticut
Farber, Raphael	Pennsylvania
Fields, Abijah Clements	Alabama
Fischman, Harold H.	New Jersey
Friedman, Bernard	New York
Fuchs, Abner M.	New York
Gale, Louis Harry	Pennsylvania
Gaston, Willaim Bryan	West Virginia
Gattens, Wilbur Elton, B.S.	Maryland
Glick, Samuel, A.B.	Maryland
Gurley, Hubert Taylor	North Carolina
Hall, Cecil Maurice, B.S.	West Virginia
Hammond, Kent Cato, B.S.	West Virginia
Herbert, Alpha Nathan	New Jersey
Hertz, Ben	New York
Hofler, Ralph Haynes	North Carolina
Howell, James Gerald, B.S.	Pennsylvania
Hulla, Jaroslav	Maryland
Jacobs, Morris Albert	Maryland
Keating, John Patrick	Connecticut
Kimbrough, Joseph William, Jr.,	North Carolina
Knotts, William Kenneth	Maryland
Laus, Edward Raymond	New York
Leibensperger, George Franklin,	Pennsylvania
Lennon, William Earle	North Carolina
Linde, Samuel Arthur	Maryland
London, Daniel	New York
Lowe, Claude Milton	Pennsylvania
McAnally, Alfred Loomis	North Carolina
Miller, Edgar Raymond, A.B.	Pennsylvania
Minnefor, Charles A.	New Jersey
Montani, Anthony Carmen, B.S.	Ohio
Nataro, Joseph	New Jersey
Navarro, Vicente Aguirre, A.B.,	Philippine Islands
Nelson, James Wharton, A.B.,	Maryland
Nock, Randolph Maxwell	Maryland
Oshrin, Henry	New Jersey
Pinsky, Myer Mordecai	New Jersey
Plassnig, Edwin, B.S.	Maryland
Polizotti, Joseph Louis	New Jersey
Pulaski, Leo Edward	Pennsylvania
Rathsprecher, Isadore	New Jersey
Reynolds, Knight, B.S.	West Virginia
Richmond, Lewis Cass, Jr., A.B.	Kentucky
Roberts, Bryan Nazer, A.B.	North Carolina
Sarnoff, Jack	New York
Silverstein, Jacob Maurice	New Jersey
Simon, Joseph Ralph	Pennsylvania
Simpson, Henry Hardy, A.B.	North Carolina
Sinton, William Allen	Virginia
Spelsburg, Walter William, B.S.	West Virginia
Sulman, William Richard	Pennsylvania
Tomaiuoli, Michael Francis	New Jersey
Turner, Thomas Bourne, B.S.	Maryland
Vila-Morales, Jaime	Porto Rico
Visconti, JosephAlbert	New Jersey
Ward, William Titus, A.B.	North Carolina
Wassersweig, Martin Max	Pennsylvania
Widmeyer, Robert Samuel, B.S.,	West Virginia
Wiener, Joseph	New York
Wilson, Paul Russell, B.S.	West Virginia
Winstead, John Lindsay	North Carolina
Zimmerman, Charles C.	Maryland

PRIZEMEN

University Prize—Gold Medal—EDGAR R. MILLER, A.B.

Certificates of Honor

THOMAS B. TURNER, B.S.
HAROLD H. FISCHMAN
ALPHA N. HERBERT
BEN. HERTZ
ISADOR RATHSPRECHER

In the third year the Dr. Jose L. Hirsh Memorial Prize of $50.00 was awarded to Elizabeth B. Sherman for the best work in Pathology during the second and third years.

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This Board is incorporated by act of the Legislature of the State, its legal title being "The Trustees of the Endowment Fund of the University of Maryland," and is independent and self-perpetuating. Its powers are limited *to the expenditure of the interest derived from the fund,* which is to be applied in the discretion of the Board for the benefit of the University. Contributions, donations and bequests are solicited from Alumni and friends. They may be made to the general or University Fund, to the Medical Fund or to any other department of the University. If intended for the School of Medicine, they may be given to the general medical fund or to some special object, as building, research, library, pathology, hospital, publication, laboratories, gymnasium, scholarship, medal, prize, etc., in which case the wishes of the donor will be strictly regarded. Attention is invited to the "Charles Frick Research Fund," already established in memory of that distinguished investigator. Checks should be made payable to J. M. H. Rowland, Treas., Lombard and Greene Streets, Baltimore, Md.

FORMS OF DEVISE OR BEQUEST.

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I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic..
(Here state amount or describe property.)

To Endowment Fund.

I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic..............
(Here state amount or describe property.)

SCHOOLS OF NURSING.

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING.

FACULTY AND INSTRUCTORS

Superintendent of Nurses and Director of School of Nursing
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Assistant Superintendent of Nurses
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Instructor in Nursing
MILDRED W. EVERETT, R. N.

Instructor in Nursing and Supervisor of Wards
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Assistant Instructor in Nursing and Supervisor of Wards
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Instructor in Surgical Technique for Nurses and Supervisor of Operation Pavilion
ELIZABETH AITKENHEAD, R. N.

Instructor in Dietetics
MIRIAM CONNELLY

Instructor in Massage
EDITH WALTON

Instructor in Social Service
GRACE PEARSON, R. N.

HELEN DUNN, R.N.	Supervisor
LILLIAN K. MCDANIEL, R.N.	Supervisor, Nurses Home
JANE MOFFATT, R.N.	Supervisor, Dispensary
LENA STOUFFER, R.N.	Head Nurse, Obstetrical Ward
LEONA MCMAHON, R.N.	Head Nurse, Private Hall
BERTHA HOFFMAN, R.N.	Head Nurse, Private Hall
MARIE DAVIS, R.N.	Head Nurse, Women's Ward
HELEN MORGART, R.N.	Head Nurse, Men's Medical Ward
MARY SHAFFER, R.N.	Head Nurse, Men's Surgical Ward
MARGARET MCCORMACK, R.N.	Head Nurse, Men's Surgical Ward
IDA NAGEL, R.N.	Assistant in Operating Room

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Physiology
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Bacteriology
F. W. Hachtel, M.D.

Chemistry
Frank N. Ogden, M.D.

Materia Medica
C. C. Habliston, M.D.

Medicine
Maurice C. Pincoffs, M.D.
J. S. Hogan, M.D.
L. A. M. Krause, M.D.
V. L. Ellicott, M.D.

Pediatrics
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Psychiatry
R. McClury Chapman, M.D.

Neurology
G. M. Settle, M.D.

Skin and Venereal Diseases
Harry M. Robinson, M.D.

Ophthalmology
Harry Friedenwald, M.D.

Otology
J. W. Downey, M.D.

Surgery
Joseph L. Holland, M.D.

Laryngology and Rhinology
E. A. Looper, M.D.

Gynecology
Hugh Brent, M.D.

Orthopaedic Surgery
R. Tunstall Taylor, M.D.

Obstetrics
L. H. Douglass, M.D.

Social Service
Special Lecturers

STUDENTS ENROLLED 1924-1925

Seniors	16
Intermediates	21
Juniors and Preparatory	28
Total	65

GENERAL STATEMENT.

The University of Maryland School for Nurses was established in the year 1889.

Since that time it has been an integral part of the University Hospital, coming under the same government.

The school is non-sectarian, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 250 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing including experience in the operating room.

The school offers the student nurse unusual advantages in its opportunity for varied experience and in its thorough curriculum taught by best qualified instructors and members of the Medical Staff of the University.

Admission—Requirements: In order to become a candidate for admission to the Training School, application must be made in person or by letter, to the Superintendent of Nurses. An application by letter should be accompanied by a statement from a clergyman testifying to good moral character and from a physician certifying to sound health and unimpaired faculties. No person will be considered who is not in a good physical condition between the ages of 18 and 35. She must also show that she has a High School education or its equivalent. This is the minimum requirement, as women of superior education and culture are given preference provided they meet the requirements in other particulars.

The fitness of the applicant for the work and the propriety of dismissing or retaining her at the end of her term of probation, is left to the decision of the Superintendent of Nurses. Misconduct, disobedience, insubordination, inefficiency, or neglect of duty are causes for dismissal at any time by the Superintendent of Nurses, with the approval of the President of the University.

Time: Students are admitted in February, June and September.

HOURS ON DUTY: During the probation term the students are on duty not more than six hours daily. During the Junior, Intermediate and Senior years, the students are on eight hour day duty, with six hours on Sunday and Holidays, and ten hour night duty. The night duty periods are approximately two months each, with one day at the termination of each term for rest and recreation. The period of night duty is approximately five or six months during the three years.

SICKNESS: A physician is in attendance each day, and when ill all students are cared for gratuitously. The time lost through illness in excess of two weeks, during the three years must be made up. Should the authorities of the school decide that through the time lost the theoretical work as not been sufficiently covered to permit the student to continue in that year, it will be necessary for her to continue her work with the next class.

VACATIONS: Vacations are given between June and September. A period of three weeks is allowed the student at the completion of the first year and four weeks at the completion of the second year.

EXPENSE: A student receives her board, lodging and a reasonable amount of laundry from the date of entrance. During her period of probation she provides her own uniforms made in accordance with the hospital regulations. After being accepted as a student nurse she wears the uniform furnished by the hospital. The student is also provided with textbooks and in addition to this is paid five dollars ($5.00) a month. Her personal expenses during the course of instruction and training will depend entirely upon her individual habits and tastes.

GENERAL PLAN OF INSTRUCTION

The course of instruction covers a period of three years.

JUNIOR YEAR.

First Term.

The Junior Year is divided into two periods. The first term is the preparatory period (4 months) and the second the junior term.

In the preparatory term the student is given practical instruction in:

I. The making of hospital and surgical supplies· The cost of hospital materials, apparatus and surgical instruments.

II. Household economics and the preparation of foods.

III. The hospital out-patients department and dispensary.

During this term the practical work is done under constant supervision, and teaching is given correlatively.

Excursions are made to markets, hygienic dairies, linen rooms, laundry and store room.

The maximum number of hours per week in formal instructions divided into laboratory and lecture periods is thirty hours and includes courses in Anatomy and Physiology, Dietetics, Materia Medica, Personal Hygiene, Drugs and Solutions, Household Economics, Short course in Ethics and History of Nursing.

At the close of the first half of Junior Year the students are required to pass satisfactorily both the written and oral tests, and failure to do so will be sufficient reason to terminate the course at this point.

SUBSEQUENT COURSE.

The course of instruction, in addition to the probationary period, occupies two and three-fourths years, and students are not accepted for a shorter period.

After entering the wards, the students are constantly engaged in practical work under the immediate supervision and direction of the head nurses and instructors.

JUNIOR YEAR.

Second Term.

During this period the students receive theoretical instruction in Massage, Bacteriology, General Surgery and Introductory Medicine. Practical instruction is received in the male and female, medical, surgical and childrens' wards.

INTERMEDIATE YEAR.

During this period the theoretical instruction includes Pediatrics, General Medicine, Infectious Diseases, Obstetrics, Gynecology and Orthopaedics. The practical work provides experience in the nursing of obstetrical and gynecological patients, in the operating rooms and the out-patient department.

SENIOR YEAR.

During this period the student receives short courses of lectures on subjects of special interest. This includes a consideration of the work of institutions of public and private charities, of settlements, and various branches of professional work in nursing.

Experience is given in executive and administration work to those showing exceptional ability in the Senior Year. With these students conferences are held on administration and teaching problems.

EXAMINATIONS: At the end of the first half year, students are examined in Anatomy, Physiology, Materia Medica, Dietetics and Hygiene. At the end of the first year in Surgery and Bacteriology.

During the second year they are examined in Urinalysis, Massage, Gynecology, General Medicine, Infectious Diseases, Obstetrics and Pediatrics. At the end of the third year the final examination in Nervous and Mental Diseases, Diseases of Special Senses, Venereal Diseases, Ethics and History of Nursing.

Examinations—which are both written and oral—include practical tests, and the standing of the student is based upon the general character of work throughout the year, as well as the results of the examinations. Students must pass all subjects before entering upon the work of the following year.

GRADUATION: The diploma of the School will be awarded to those who have completed satisfactorily the full term of three years and have passed successfully the final examinations.

SCHOLARSHIPS: One scholarship has been established by the Alumnae of the Training School. It entitles a nurse to six weeks course at Teachers College, New York. This scholarship is awarded at the close of the third year to the student whose work has been of the highest excellence, and who desires to pursue post-graduate study and special work.

An Alumnae Pin is presented by the Women's Auxiliary Board to the student who at the completion of three years shows exceptional executive ability.

GRADUATES, 1925.

Barr, Alberta	Maryland	Kirtner, Mattie	Virginia
Croll, Mildred	Maryland	Nock, Myrtle	Maryland
Cannon, Elizabeth	Delaware	Scott, Mary	Maryland
Coulter, Zelda	North Carolina	Shatzer, Myrtle	Maryland
Forrest, A. Louise	Pennsylvania	Wall, Laura	North Carolina
Frick, Esther	Pennsylvania	Whitley, Estelle	North Carolina
Fletcher, Grace	North Carolina	Walter, Charlotte	Maryland
Hathcock, Mary	North Carolina		

FIVE-YEAR PROGRAM.

In addition to the regular three-year course of training the University offers a combined Academic and Nursing program leading to the degree of Bachelor of Science and a Diploma in Nursing.

The first two years of the course (or pre-hospital period), consisting of 70 semester hours, are spent in the College of Arts and Sciences of the University, during which period the student has an introduction to the general cultural subjects which are considered fundamental in any college training. At least the latter of these two years must be spent in residence at College Park in order that the student may have her share in the social and cultural activities of college life. The last three years are spent in the School of Nursing in Baltimore. In the fifth year of the combined program certain elective courses such as Public Health Nursing, Nursing Education, Practical Sociology and Educational Psychology are arranged.

TWO-YEAR PROGRAM IN THE COLLEGE OF ARTS AND SCIENCES.

Freshmen Year.

	Semester I	Semester II
English Composition and Rhetoric (Eng. 101)	3	3
Foreign Language	4–3	4–3
General Chemistry (Chem. 101)	4	4
Elements of Social Science (Soc. Sci. 101)	3	3
Elementary Foods (H. E. 101)	3	3
Physical Education	1	1
	—	—
	18	18

Sophomore Year.

English Literature or History	3	3
Organic and Food Chemistry	3	
Nutrition		3
General Economics (Econ. 105)	3	
Elements of Psychology (Psych. 101)		3
Gen. Zoology (Zool. 101)	4	
Public Speaking (P. S. 101-102)	1	1
Physical Education (Phys. Ed. 102)	2	2
Electives	1	5
	—	—
	17	17

MERCY HOSPITAL SCHOOL OF NURSING.

The Mercy Hospital School of Nursing was organized and incorporated under the laws of the State of Maryland in 1899 and has operated successfully for a quarter of a century.

The course of study is three years, during which time the Superintendent of the School assigns each pupil for definite periods to the various wards and services. Such practical training under skilled supervisors best applies the *science* and most adequately teaches the *art* of nursing. The course of study is modified and revised year by year, always with the idea of improvement. In schools of nursing, as in all other professional schools, changes are necessary, for to stand still is to retrograde. Each year new subjects are introduced or old ones are taught in new and more attractive ways. The curriculum embraces a preliminary period of four months, a junior term of eight months, an intermediate term of twelve months and a senior term of twelve months.

Mercy Hospital being attached to the Medical School of the University of Maryland, its nurses enjoy the exceptional advantage of systematic courses of lectures covering every department of nursing. These lectures, given by professors who are masters of their subjects, are made to co-ordinate with the school curriculum, thus giving the student nurse a thorough knowledge of her profession.

REQUIREMENTS FOR ADMISSION.

Applications for admission to the School of Nursing should be addressed to Superintendent of Nurses, Mercy Hospital, Baltimore, Md.

Requirements: Highest moral standard, intelligence, health, high-school education. Social references and letters from pastors and physicians are also required.

The course comprises three years of theory and practice. After four months' probation, candidates, if they possess the necessary qualifications, are admitted to the School proper, receiving Ten Dollars per month; their education being considered their compensation. Board, laundry, etc., furnished by the institution.

Four weeks before admission, candidates should forward $35.00 and measurements for uniforms and aprons, which will be in readiness on their arrival. No orders will be considered until this amount is received. These uniforms are worn throughout entire course, thus obviating additional expense after the probationary term expires. All clothing should be distinctly marked with names, Style No. 28, which may be procured from Woven Name Tape Co., Winstead, Conn. On admission, $10.00 is deposited on account of books.

Hours of duty: 7 A. M. to 7 P. M., with three hours off and one hour for meals, making an eight-hour system, one afternoon every week, and two weeks' vacation annually.

If nurses desire to remain out after 9:30 P. M. permission must be secured from the Superintendent. Late permission until 11:30 P. M. may be obtained once every two weeks, from June to September, and once a month from September to June. No visitors allowed except when off duty.

The right is reserved to dismiss pupils for any cause that may be deemed sufficient by the Superintendent of Nurses.

Dentistry should be attended to prior to entrance. Candidates should come provided with watch with second hand, fountain pen, scissors and comfortable shoes with rubber heels not too high; plain underwear, soap, towels, three laundry bags, shoe case and napkin ring.

Address baggage to Nurses' Home, Mercy Hospital, Pleasant and Calvert Streets, Baltimore, Md.

GRADUATES OF 1925.

Boch, Mary Elizabeth	Maryland
Boyle, Mary Agnes	Pennsylvania
Busick, Gertrude Metzger	Maryland
Carney, Gertrude	Maryland
Clark, Mabel Marie	Maryland
Foley, Rosemary Cecilia	West Virginia
Gambino, Mae Adeline	West Virginia
Garvey, Mary Cecilia	Maryland
Hardin, Mildred Ruth	Maryland
Hollingsworth, Mary Hazel	Virginia
Kenly, Margaret Mary	Pennsylvania
Kern, Rosalie Caroline	Ohio
Lingg, Mabel Mary	Pennsylvania
Loraditch, Mary Agnes	Pennsylvania
Rider, Jessie Elizabeth	Maryland
Rider, Veronica Ellen	Pennsylvania
Reynolds, Monica Cecilia	Maryland
Spellenberg, Dolores J.	Pennsylvania

VOL. XI JULY, 1926 No. 1

BULLETIN
OF THE
SCHOOL OF MEDICINE

UNIVERSITY OF MARYLAND

1807-1856-1920

PART TWO
CATALOGUE SUPPLEMENT
SESSION 1926-1927

PUBLISHED FOUR TIMES A YEAR
JANUARY, APRIL, JULY AND OCTOBER
LOMBARD AND GREENE STREETS
BALTIMORE, MD.

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BULLETIN

OF THE

University of Maryland School of Medicine

AND

College of Physicians and Surgeons

Successor to THE HOSPITAL BULLETIN of the University of Maryland, BALTIMORE MEDICAL COLLEGE NEWS, and the JOURNAL of the Alumni Association of the College of Physicians and Surgeons.

VOL. XI JULY, 1926 No. 1

ANNUAL ANNOUNCEMENT.

SESSION 1926-27.

CALENDAR

1926-1927

SCHOOL OF MEDICINE

1926.

September 21 to 25, Inc.—Examinations for advanced standing.

September 27—Instruction begins with the first scheduled period.

October 4—Last day for registration.

November 11—Holiday (Armistice Day).

November 24—Thanksgiving recess begins after the last scheduled period.

November 29—Instruction resumed with the first scheduled period.

December 23—Christmas recess begins after the last scheduled period.

1927.

January 3—Instruction resumed with the first scheduled period.

January 17—Registration begins for the second semester.

January 31—Instruction begins (second semester).

February 5—Last day for registration (second semester).

February 22—Holiday (Washington's Birthday).

April 14—Easter recess begins after the last scheduled period.

April 19—Instruction resumed with the first scheduled period.

June 4—Commencement Day.

THE UNIVERSITY OF MARYLAND

Control of the University of Maryland is vested in a Board of nine Regents, appointed by the Governor and confirmed by the Senate for terms of nine years each. The general administration of the University is vested in the President. The University Council is an advisory body, composed of the President, the Assistant to the President, the Director of the Agricultural Experiment Station, the Director of the Extension Service, and the Deans. The University Council acts upon all matters having relation to the University as a whole, or to co-operative work between the constituent groups. Each school has its own Faculty Council, composed of the Dean and members of its Faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organization:

The College of Agriculture,
The College of Engineering,
The College of Arts and Sciences,
The School of Medicine,
The School of Law,
The School of Dentistry,
The School of Pharmacy,
The College of Education,
The College of Home Economics,
The Graduate School,
The Summer School,
The Department of Physical Education and Recreation.

The Schools of Medicine, Law, Dentistry and Pharmacy are located in Baltimore; the others in College Park, Maryland.

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OF THE
UNIVERSITY OF MARYLAND

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Raymond A. Pearson, A.M., D.Agr., LL.D.,
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SCHOOL OF MEDICINE
AND
COLLEGE OF PHYSICIANS AND SURGEONS

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J. Frank Crouch, M.D.	Clinical Ophthalmology and Otology
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John C. Hemmeter, M.D., Ph.D., Sc.D., LL.D.	Clinical Medicine
L. E. Neale, M.D., LL.D.	Obstetrics
Frank Dyer Sanger, M.D.	Rhinology and Laryngology

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Bernard Purcell Muse, M.D., Professor of Clinical Obstetrics.
Charles L. Summers, M.D., Professor of Pediatrics.
Anton G. Rytina, A.B., M.D., Professor of Genito-Urinary Diseases.
Henry, J. Walton, M.D., Professor of Roentgenology.
R. M. Chapman, M.D., Professor of Psychiatry.
Nathan Winslow, A.M., M.D., Clinical Professor of Surgery.
Page Edmunds, M.D., Clinical Professor of Industrial Surgery.
Walter D. Wise, M.D., Clinical Professor of Surgery.
Edgar B. Friedenwald, M.D., Clinical Professor of Pediatrics.
Compton Riely, M.D., Clinical Professor of Orthopaedic Surgery.
W. S. Smith, M.D., Clinical Professor of Gynecology.
Joseph W. Holland, M.D., Clinical Professor of Surgery.
T. Fred Leitz, M.D., Clinical Professor of Gastro-Enterology.
J. W. Downey, M.D., Clinical Professor of Otology.
Edward A. Looper, M.D., D.Oph., Clinical Professor of Diseases of Nose and Throat.
Frank S. Lynn, M.D., Clinical Professor of Surgery.
R. W. Locher, M.D., Associate Professor of Operative and Clinical Surgery.
H. D. McCarty, M.D., Associate Professor of Clinical Medicine.
Sydney M. Cone, A.B., M.D., Associate Professor of Pathology.
Hugh Brent, M.D., Associate Professor of Gynecology.
Melvin Rosenthal, M.D., Associate Professor of Dermatology.
Abraham Samuels, M.D., Associate Professor of Gynecology.
Lewis J. Rosenthal, M.D., Associate Professor of Proctology.
C. C. Conser, M.D., Associate Professor of Physiology.
H. J. Maldeis, M.D., Associate Professor of Medical Jurisprudence.
J. Dawson Reeder, M.D., Associate Professor of Proctology.
G. M. Settle, A.B., M.D., Associate Professor of Neurology and Clinical Medicine.
C. C. W. Judd, A.B., M.D., Associate Professor of Medicine.
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Sidney R. Miller, A.B., M.D., Associate Professor of Medicine.
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M. Randolph Kahn, M.D., Associate Professor of Ophthalmology.
J. McFarland Bergland, M.D., Associate Professor of Obstetrics.
W. F. Zinn, M.D., Associate Professor of Diseases of Nose and Throat.
W. H. Toulson, A.B., M.Sc. M.D., Associate Professor of Genito-Urinary Surgery.
C. Reid Edwards, M.D., Associate Professor of Surgery.
Edward Uhlenhuth, Associate Professor of Anatomy.
Harry M. Robinson, M.D., Associate Professor of Dermatology.
Walter A. Baetjer, A.B., M.D., Associate Professor of Medicine.
Harry M. Stein, M.D., Associate Professor of Medicine.
H. S. Sullivan, M.D., Associate Professor of Psychiatry.
S. Lloyd Johnson, A.B., M.D., Assistant Professor of Medicine.
C. L. Joslin, M.D., Assistant Professor of Pediatrics.
John G. Huck, M.D., Assistant Professor of Medicine.
J. Harry Ullrich, M.D., Assistant Professor of Gastro-Enterology.
Theodore Morrison, M.D., Assistant Professor of Gastro-Enterology.
George McLean, M.D., Assistant Professor of Medicine.
C. C. Habliston, M.D., Assistant Professor of Medicine.
Benjamin Pushkin, M.D., Assistant Professor of Clinical Neurology.
John R. Oliver, M.D., Lecturer on History of Medicine.
John R. Abercrombie, A.B., M.D., Associate in Dermatology.
E. H. Hayward, M.D., Associate in Surgery.
R. C. Metzel, M.D., Associate in Clinical Medicine.
Geo. A. Strauss, Jr., M.D., Associate in Gynecology.
H. K. Fleck, M.D., Associate in Ophthalmology.
Joseph I. Kemler, M.D., Associate in Ophthalmology.
Henry T. Collenberg, A.B., M.D., Associate in Clinical Pathology.
R. G. Willse, M.D., Associate in Gynecology.
Sam'l W. Moore, D.D.S., Associate in Anaesthesia.
W. I. Messick, M.D., Associate in Clinical Medicine.
L. A. M. Krause, M.D., Associate in Medicine.
Wm. H. Ingram, M.D., Associate in Pediatrics.
H. H. Warner, M.D., Associate in Pediatrics.
Frank N. Ogden, M.D., Associate in Biological Chemistry.
Emil Novak, M.D., Associate in Obstetrics.
E. P. Smith, M.D., Associate in Obstetrics and Gynecology.
Thomas K. Galvin, M.D., Associate in Gynecology.
F. A. Ries, M.D., Associate in Physiology.
Howard E. Ashbury, M. D., Associate in Roentgenology.
A. M. Evans, M.D., Associate in Surgery.
Frank B. Anderson, M.D., Associate in Diseases of Throat and Nose.
Maurice Feldman, M.D., Associate in Gastro-Enterology.

W. H. Daniels, M.D., Associate in Orthopaedic Surgery.
F. L. Jennings, M.D., Associate in Surgery.
Harris Goldman, M.D., Associate in Genito-Urinary Surgery.
Edward S. Johnson, M.D., Associate in Surgery.
C. A. Reifschneider, M.D., Associate in Surgery.
Milford Levy, M.D., Associate in Neurology.
Reed Rockwood, A.B., M.S., M.D., Associate in Medicine.
M. J. Hanna, M.D., Associate in Surgery.
A. H. Wood, M.D., Associate in Genito-Urinary Surgery.
A. E. Goldstein, M.D., Associate in Pathology.
Bartus T. Baggott, M.D., Associate in Medicine.
W. G. Queen, M.D., Instructor in Anaesthesia.
H. M. Foster, M.D., Instructor in Surgery.
Louis F. Krumrein, M.D., Instructor in Bacteriology.
Henry F. Buettner, M.D., Instructor in Bacteriology.
J. A. F. Pfeiffer, M.D., Instructor in Bacteriology.
Joseph E. Gately, M.D., Instructor in Dermatology.
Wm. J. Todd, M.D., Instructor in Pediatrics.
John F. Traband, M.D., Instructor in Pediatrics.
Wm. F. Geyer, M.D., Instructor in Pediatrics.
R. F.McKenzie, M.D., Instructor in Diseases of the Throat and Nose.
J. G .Murray, Jr., M.D., Instructor in Obstetrics.
J. G. M. Reese, M.D., Instructor in Obstetrics.
Dudley Pleasants Bowe, M.D., Instructor in Obstetrics.
George A. Knipp, M.D., Instructor in Physiology.
F. X. Kearney, M.D., Instructor in Surgery.
Harry Goldsmith, M.D., Instructor in Psychiatry.
Joseph Sindler, M.D., Instructor in Gastro-Enterology.
Zachariah Morgan, M.D., Instructor in Gastro-Enterology.
I. J. Feinglos, M.D., Instructor in Pediatrics.
L. K. Fargo, M.D., Instructor in Genito-Urinary Diseases.
Leon Freedom, M.D., Instructor in Medicine.
J. F. Hogan, M.D., Instructor in Hygiene and Public Health.
Charles W. Maxson, M.D., Instructor in Surgery.
H. L. Wheeler, M.D., Instructor in Orthopaedic Surgery.
Clarence E. Macke, M.D., Instructor in Pediatrics.
William Michel, M.D., Instructor in Medicine.
H. M. Bubert, M.D., Instructor in Medicine.
H. R. Peters, M.D., Instructor in Medicine and Pathology.
W. L. Brent, M.D., Instructor in Pediatrics.
J. M. Hundley, Jr., M.D., Instructor in Surgery.
H. L. Sinsky, M.D., Instructor in Opthalmology.
Emil G. Schmidt, Ph.D., Instructor in Biological Chemistry.
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F. S. Badagliacca, M.D., Instructor in Medicine.
W. S. Love, Jr., A.B., M.D., Instructor in Medicine.
Edward Novak, M.D., Instructor in Medicine.
M. A. Novey, M.D., Instructor in Obstetrics and Pathology.

A. A. SUSSMAN, M.D., Instructor in Medicine.
F. T. KYPER, M.D., Instructor in Medicine.
J. A. SKLADOWSKY, M.D., Assistant in Surgery.
DWIGHT MOHR, M.D., Assistant in Surgery.
B. J. FERRY, M.D., Assistant in Pediatrics.
W. R. GERAGHTY, M.D., Assistant in Surgery.
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CLYDE N. MARVEL, M.D., Assistant in Surgery.
EVERARD BRISCOE, M.D., Assistant in Surgery and Anatomy.
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ALBERT EISENBERG, M.D., Assistant in Gastro-Enterology.
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GEORGE E. WELLS, M.D., Assistant in Pediatrics.
WETHERBEE FORT, M.D., Assistant in Medicine.
F. S. OREM, M.D., Assistant in Pediatrics.
I. S. ZINBERG, M.D., Assistant in Gastro-Enterology.
M. G. GICHNER, M.D., Assistant in Medicine.
H. C. KNAPP, M.D., Assistant in Genito-Urinary Diseases.
J. H. COLLINSON, M.D., Assistant in Genito-Urinary Diseases.
MILTON C. LANG, M.D., Assistant in Genito-Urinary Diseases.
LEO BRADY, M.D., Assistant in Gynecology.
MAURICE LAZENBY, A.B., M.D., Assistant in Obstetrics.
H. L. ROGERS, M.D., Assistant in Orthopedic Surgery.
D. T. PESSAGNO, M.D., Assistant in Surgery.
J. G. ONNEN, M.D., Assistant in Surgery.
J. J. MCGORRELL, M.D., Assistant in Pediatrics.
W. R. JOHNSON, M.D., Assistant in Anatomy and Surgery.
ROBT. W. JOHNSON, M.D., Assistant in Anatomy.
JOSEPH N. ZIERLER, M.D., Assistant in Gastro-Enterology.
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H. A. RUTLEDGE, M.D., Assistant in Pediatrics.
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MONTE EDWARDS, M.D., Assistant in Surgery and Genito-Urinary Surgery.
A. C. MONNINGER, M.D., Assistant in Dermatology.
ISADOR A. SIEGEL, M.D., Assistant in Obstetrics.
JOHN A. O'CONNOR, M.D., Assistant in Surgery.
LAWRENCE S. OTELL, M.D., Assistant in Pathology.
JAMES BROWN, M.D., Assistant in Surgery.
E. M. HANRAHAN, A.B., M.D., Assistant in Surgery.
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KARL J. STEINMULLER, A.B., M.D., Assistant in Surgery.
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ISADORE I. LEVY, M.D., Assistant in Gastro-Enterology.
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R. M. HENNING, M.D., Assistant in Pediatrics.
MARIE KOVNER, M.D., Assistant in Pediatrics.

A. G. Webster, M.D., Assistant in Pediatrics.
Ephraim Meyer, M.D., Assistant in Pediatrics.
Rachel Korotky, M.D., Assistant in Pediatrics.
Elizabeth B. Sherman, M.D., Assistant in Pediatrics.
Welch England, M.D., Assistant in Pathology.
L. J. Millan, M.D., Assistant in Genito-Urinary Diseases.
William Emrich, M.D., Assistant in Genito-Urinary Diseases.
W. H. Woody, M.D., Assistant in Medicine.
Thomas B. Turner, M.D., Assistant in Medicine.
H. W. Rosenthal, M.D., Assistant in Neurology.

University of Maryland School of Medicine

and

College of Physicians and Surgeons.

As a result of the merger accomplished in 1915 the combined schools offer the student the abundant resources of both institutions, and, in addition, by earlier combination with the Baltimore Medical College, the entire equipment of three large medical colleges.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was chartered in 1807, under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties, of Divinity, of Law, and of Arts and Sciences, and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

Established thus for more than a century, the School of Medicine of the University of Maryland has always been a leading medical college, especially prominent in the South and widely known and highly honored throughout the country.

The beautiful college building at Lombard and Greene Streets, erected in 1814-1815, is the oldest structure in America devoted to medical teaching. Here was founded one of the first medical libraries and the first medical college library in the United States.

Here for the first time in America dissecting was made a compulsory part of the curriculum; here instruction in Dentistry was first given (1837), and here were first installed independent chairs for the teaching of Diseases of Women and Children (1867) and of Eye and Ear Diseases (1873).

The School of Medicine was one of the first to provide for adequate clinical instruction by the erection in 1823 of its own hospital, and in this hospital intramural residency for the senior student was first established.

In 1913, juncture was brought about with the Baltimore Medical College, an institution of 32 years' growth. By this association the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated under Legislative enactment in 1872, and established on Hanover Street in a building afterwards known as the Maternite, the first obstetrical hospital in Maryland. In 1878 union was affected with the Washington University School of Medicine, in existence since 1827, and the College was removed to its present location at Calvert and Saratoga Streets. By this arrangement medical control of the City Hospital, now the Mercy Hospital, was obtained, and on this foundation in 1899 the present admirable college building was erected.

ORGANIZATION OF THE SCHOOL OF MEDICINE

LABORATORY AND CLINICAL FACILITIES.

The Laboratories.

The laboratories are located at two centers, the group of buildings at Greene and Lombard Sts., and the Building at Calvert and Saratoga Sts. The schedule is so adjusted that the laboratory periods are placed with a view of obviating unnecessary movement on the part of the classes. The building known as Gray Laboratory, at Greene and Lombard Sts., houses three departments. The Anatomical Laboratory is placed upon the top floor, where skylights and an auxiliary modern system of electric lighting gives adequate illumination of the subjects. On this floor are the office of the department and the necessary preparation rooms. The Department of Pharmacology occupies the second floor. There is a large room for the general student laboratory, which is thoroughly equipped with apparatus of recent acquisition, and in addition contains many instruments of unique and original design. With office and stock-room adjoining, this laboratory is complete for student experimentation. On the first floor of Gray Laboratory is the Department of Physiology. In addition to the large student laboratory, which is constructed for sections of forty-five students, there are rooms for the departmental office, preparation of material, and storage of apparatus. An additional room is devoted exclusively to mammalian experiments. In this building there is maintained an animal room where is kept an abundance of material for experimental purposes. The embalming and storage plant for the Department of Anatomy is in physical connection with the building and its special department. The laboratories of physiology and pharmacology are completely equipped with apparatus lockers so that in accord with the best ideas of instruction, the students work in groups of two each, and each group has sufficient apparatus so that the experimental work can be carried on without delay or recourse to a general stockroom.

The laboratories of Pathology and Biochemistry are located on the third floor of the Dental Building. The former department has a large student laboratory with a capacity of ninety; the tables are so placed as to secure the most satisfactory illumination for microscopic work, in addition, all of the tables are electrically equipped for substage illumination. This equipment is also provided for all laboratories where microscopic work obtains. The museum of the Department of Pathology adjoins the student laboratory. Here are available for demonstration about fifteen hundred carefully prepared and mounted specimens, and for laboratory instruction and study, the material from more than two hundred autopsies with complete clinical histories. Several preparation, research, and office rooms communicate with the other rooms of this department. The laboratory of Biochemistry is constructed and equipped for sections of fifty. The laboratory is completely equipped for the facilitation of work. The office and stockroom adjoin. In the Main Building is the Museum of Anatomy, where are arranged for student reference, specimens which represent the careful selection of material over a period of many years. In the University Hospital is the Student Laboratory for the analytical studies of those students who are serving as clinical clerks on the wards. A similar laboratory is maintained in the building at the N. W. corner of Saratoga and Calvert Sts., for the student work on the wards of the Mercy Hospital.

In this latter building are two laboratories for Bacteriology, Histology, and Clinical Pathology, and an additional dissecting room which is used for the course in Topographical Anatomy. The two laboratories accommodate ninety students or the full class, and are equipped with necessary lockers for microscopes and apparatus. Each of the departments housed in this building are provided with their individual offices, preparation, and stockrooms.

Clinical Facilities

UNIVERSITY HOSPITAL.

The University Hospital which is the property of the University of Maryland, is the oldest institution for the care of the sick in the State of Maryland. It was opened in September, 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for eye cases.

The present hospital has a capacity of 275 beds devoted to general medicine, surgery, obstetrics and the various medical and surgical specialties. It is equipped with a thoroughly modern X-ray department and clinical laboratory, and a postmortem building which is constructed with special reference to the instruction of students in *pathological anatomy*.

The hospital is situated opposite the medical school buildings so that the students lose no time in passing from the lecture halls and laboratories to the clinical amphitheater, dispensary and wards.

Owing to its situation, being adjacent to the largest manufacturing district of the city and the shipping district, large numbers of accident cases are received. These combined with the cases of many sick seamen and with patients from our own city furnish a large amount of clinical material. Accommodations for thirty obstetrical patients are provided in the hospital for the purpose of furnishing actual obstetrical experience to each member of the graduating class.

In connection with the University Hospital an out-door obstetrical clinic is conducted, in which every case has careful pre-natal supervision, is attended during labor by a senior student, supervised by a hospital physician and assisted by a graduate nurse, and is visited during the puerperium by the attending student and graduate nurse. Careful prenatal, labor and puerperal records are kept, making this work of extreme value to the medical student, not only from the obstetrical standpoint, but in making him appreciate the value of social service and public health work.

During the year ending December 31, 1925, 395 cases were delivered in the hospital and 935 cases in the out-door department. Students in the graduating class delivered an average of fourteen cases, each student being required to deliver twelve cases.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: Medicine, Surgery, Obstetrics, Children, Eye and Ear, Genito-Urinary, Gynecology, Gastro-Enterology, Neurology, Orthopaedics, Proctology, Dermatology, Throat and Nose, Tuberculosis and Psychiatry.

All students in their junior year work in the departments of Medicine and Surgery each day in one of the dispensaries.

All students in their senior year work in the special departments one hour each day.

HOSPITAL COUNCIL.

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A. M. Shipley, M.D., Sc.D., *Head of the Department of Surgery.*
Samuel M. Shoemaker, *President of the Board of Regents.*
A. J. Lomas, M.D., *Superintendent of the Hospital.*
Miss Annie Crighton, R.N., *Superintendent of Nurses.*
J. Allison Muir,
G. M. Shriver,
W. B. Brooks,
Miss Florence Sadtler, *Representing Woman's Auxiliary Board.*

Representing Hospital Staff.

Page Edmunds, M.D.
Irving J. Spear, M.D.

Representing Medical Alumni.

E. H. Hayward, M.D.
G. Milton Linthicum, M.D.

UNIVERSITY HOSPITAL STAFF.

Superintendent of the Hospital, A. J. Lomas, M.D.

Physicians.

Gordon Wilson, M.D.
Charles W. McElfresh, M.D.
Roscoe C. Metzel, M.D.
Paul W. Clough, M.D.
Maurice C. Pincoffs, M.D.
G. Carroll Lockard, M.D.
Jos. E. Gichner, M.D.
Wm. H. Smith, M.D.

Gastro-Enterologist.

Julius Friedenwald, A.M., M.D.

Neurologist.

Irving J. Spear, M.D.

Psychiatrist.

R. M. Chapman, M. D.

Pediatrician.

Charles L. Summers, M.D.

Pathologists.

Hugh R. Spencer, M.D.
S. Lloyd Johnson, M.D.
Paul R. Rockwood, M.D.

Surgeons.

Randolph Winslow, A.M., M.D., LL.D.
Arthur M. Shipley, M.D., Sc.D.
Joseph W. Holland, M.D.
Page Edmunds, M.D.
Nathan Winslow, M.D.
Frank S. Lynn, M.D.
Charles Reid Edwards, M.D.

Laryngologist.

Edward A. Looper, M.D.

Proctologists.

G. Milton Linthicum, A.M., M.D.
J. Dawson Reeder, M.D.

Orthopaedic Surgeons.

R. Tunstall Taylor, A.B., M.D.
Compton Riely, M.D.

Genito-Urinary Surgeon.

W. H. Toulson, A.B., M.Sc., M.D.

Roentgenologists.

Henry J. Walton, M.D.
Howard E. Ashbury, M.D.

Dermatologist.

Henry M. Robinson, M.D.

Anaesthetists.

S. Griffith Davis, M.D.
Samuel W. Moore, DD.S.
W. G. Queen, M.D.

Obstetricians.

J. M. H. Rowland, M.D.
Dudley Pleasants Bowe, A.B., M.D.
L. H. Douglass, M.D.
J. G. M. Reese, M.D.
M. A. Novey, A.B., M.D.

Ophthalmologists and Otologists.

Harry Friedenwald, M.D.
William Tarun, M.D.
Hiram Woods, A.M., M.D.
J. W. Downey, M.D.

Gynecologists.

J. Mason Hundley, M.D.	W. S. Gardner, M.D.
Hugh Brent, M.D.	R. G. Willse, M.D.

RESIDENT STAFF.

Resident Physician.

Edgar R. Miller, M.D.

Assistant Resident Physician.

Dr. Francis A. Ellis.

Assistant Resident on Pediatrics.

Elizabeth B. Sherman, A.B., M.D.

Resident Surgeon.

Dr. R. S. Anderson.

Assistant Resident Surgeon.

W. E. Lennon, M.D.

Resident Obstetrician.

Eva F. Dodge, M.D.

Assistant Resident Obstetrician.

Margaret B. Ballard, M.D.

Resident Gynecologist.

Knight Reynolds, M.D.

Internes.

Jack H. Beachley, M.D.
Charles W. Edmonds, M.D.
Julian C. Elliott, M.D.
Welch England, M.D.
Herbert J. Gorham, M.D.
Nevins B. Hendrix, M.D.
Jacob R. Jensen, M.D.
Frank F. Lusby, M.D.
William C. Polsue, M.D.
Ersie V. Teagarden, M.D.
Herbert R. Tobias, M.D.
John L. Winstead, M.D.
L. F. Woolley, M.D.
John D. Rudisill, M.D.

UNIVERSITY HOSPITAL DISPENSARY STAFF.

Medicine.

H. M. Stein, M.D., *Chief of Clinic.*

H. M. Bubert, M.D.
B. P. Warren, M.D.
Roscoe Metzel, M.D.
M. P. Byerly, M.D.
William Michel, M.D.
A. L. Fehsenfeld, M.D.
Wm. H. Triplett, M.D.
Joseph Rosenblatt, M.D.

Diseases of Stomach and Intestine.

J. H. Ullrich, M.D., *Chief of Clinic.*

Joseph Sindler, M.D.
Z. Morgan, M.D.
M. S. Koppleman, M.D.
N. J. Davidov, M.D.
W. Armstrong, M.D.

Neurology.

Irving J. Spear, M.D., *Professor of Neurology.*
G. M. Settle, M.D., *Chief of Clinic.*

J. A. Skladowsky, M.D.
B. Pushkin, M.D.

Psychiatry.

R. M. Chapman, M.D., *Professor of Psychiatry.*
Harry Goldsmith, M.D., *Chief of Clinic.*

Nicholas W. Pinto, M.D.
Morris L. Schenidlinger, M.D.
Harry W. Rosenthal, M.D.

Diseases of the Lungs.

C. C. Habliston, M.D., *Chief of Clinic.*

Diseases of Metabolism.

H. M. Stein, M.D., *Chief of Clinic.*

Cardiovascular Diseases.

William S. Love, Jr., M.D., *Chief of Clinic.*

Pediatrics.

Charles L. Summers, M.D., *Professor of Pediatrics.*
C. Loring Joslin, M.D., *Chief of Clinic.*
W. H. Ingram, M.D., *Chief of Clinic.*

H. H. Warner, M.D.
B. J. Ferry, M.D.
W. J. Todd, M.D.
G. E. Wells, M.D.
F. S. Orem, M.D.
W. L. Brent, M.D.
Albert Jaffe, M.D.
J. H. Traband, M.D.
W. G. Geyer, M.D.
C. E. Macke, M.D.
G. A. Knipp, M.D.
J. J. McGarrell, M.D.
H. A. Rutledge, M.D.
R. M. Hening, M.D.
Marie Kovner, M.D.
A. G. Webster, M.D.
Ephraim Meyer, M.D.
Rachel Korotky, M.D.
Elizabeth B. Sherman, M.D.

Surgery.

Charles Reid Edwards, M.D., *Chief of Clinic.*

H. M. Foster, M.D.
C. A. Reifschneider, M.D.
E. S. Perkins, M.D.
F. A. Siegrist, M.D.
R. H. Wiggins, M.D.
E. S. Johnson, M.D.
W. R. Johnson, M.D.
James Brown, M.D.
T. N. Wilson, M.D.
J. A. O'Connor, M.D.

Orthopaedic Surgery.

R. Tunstall Taylor, A.B., M.D., *Professor of Orthopaedic Surgery.*
Compton Riely, M.D., *Chief of Clinic.*
W. H. Daniels, M.D.
H. L. Wheeler, M.D.

Genito-Urinary.

W. H. Toulson, M.D., *Chief of Clinic.*

Harris Goldman, M.D.
J. H. Collinson, M.D.
H. T. Collenberg, M.D.
Milton C. Lang, M.D.
H. C. Knapp, M.D.
L. K. Fargo, M.D.

X-Ray.

Henry J. Walton, M.D., *Roentgenologist.*

Dermatology.

H. M. Robinson, M.D., *Chief of Clinic.*
J. E. Gately, M.D.

Nose and Throat.

E. A. Looper, M.D., *Clinical Professor of Diseases of Throat and Nose.*
Frank B. Anderson, *Chief of Clinic.*
F. A. Holden, M.D.
Charles Cahn, M.D.

Gynecology.

J. M. Hundley, Jr., M.D.
Leo Brady, M.D.
A. V. Buchness, M.D.
George L. Wissig, M.D.
William J. Fulton, M.D.

Obstetrics.

L. H. Douglass, M.D., *Chief of Clinic.*

Dudley Pleasants Bowe, B.A., M.D.
J. G. M. Reese, M.D.
M. Alexander Novey, M.D.
Isadore A. Siegel, M.D.
Maxwell Mazer, M.D.

Eye and Ear.

HARRY FRIEDENWALD, M.D., *Professor of Ophthalmology and Otology.*
J. W. DOWNEY, M.D.
H. L. SINSKY, M.D., *Chief of Clinic.*
CHARLES CAHN, M.D. JOHN G. RUNKEL, M.D.

Social Service.

MISS GRACE PEARSON, *Directress.*

UNIVERSITY HOSPITAL DISPENSARY REPORT.

October 1, 1924, to September 30, 1925.

	Cases		
	New	Old	Total
Pediatrics	2,484	19,978	22,462
Surgery	2,059	7,360	9,419
Dermatology	3,414	4,415	7,829
Obstetrics	1,491	4,608	6,099
Eye and Ear	1,592	3,062	4,654
Medicine	987	3,153	4,140
Genito-Urinary	536	2,901	3,437
Orthopedic	315	2,893	3,208
Gynecology	1,023	1,895	2,918
Nose and Throat	891	871	1,762
Neurology	351	1,272	1,623
Gastro-Intestinal	293	731	1,024
Tuberculosis	200	212	412
Cystoscopy	66	300	366
Psychiatry	106	167	273
Proctology	52	59	111
Total	15,860	53,877	69,737

In addition to the above there were treated in the State Venereal Clinic 20,133 patients.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of administering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present Hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space has compelled the erection of additions, until now there are accommodations for 351 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

Mercy Hospital is located in the center of a city of 800,000 inhabitants.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

It adjoins the College building, and all surgical patients from the public wards are operated upon in the College operating rooms. This union of the Hospital and College buildings greatly facilitates the clinical teaching, as there is no time lost in passing from one to the other.

Mercy Hospital is the hospital of the United Railways and Electric Company of Baltimore City, and receives patients from the Baltimore and Ohio Railroad Company and from the Pennsylvania Railroad Company and its branches.

BOARD OF GOVERNORS.

Samuel S. Shoemaker, Esq., *Chairman*

Sister M. Carmelita	Alexius McGlannan, A.M., M.D., LL.D.
Sister M. Imelda	Julius Friedenwald, A.M., M.D.
Sister M. Hilda	W. D. Wise, M.D.
Sister M. Beatrice	H. G. Beck, M.D.
Sister M. Florence	F. D. Sanger, M.D.
Sister M. Louise	T. K. Galvin, M.D.

MERCY HOSPITAL STAFF.

SURGICAL DIVISION.

Alexius McGlannan, A.M., M.D., LL.D.

C. F. Blake, M.D. W. D. Wise, M.D.

Associate Surgeons.

Elliot H. Hutchins, M.D.	A. M. Evans, M.D.
R. H. Locher, M.D.	F. L. Jennings, M.D.
Thomas R. Chambers, M.D.	F. X. Kearney, M.D.

Assistant Surgeons.

I. O. Ridgley, M.D.	Chas. Maxson, M.D.
N. C. Marvel, M.D.	H. B. McElwain, M.D.
Everard Briscoe, M.D.	D. J. Pessagno, M.D.

Dwight Mohr, M.D.

Ophthalmologist and Otologist.

Harry Friedenwald, M.D.

Associates.

H. K. Fleck, M.D. J. W. Downey, M.D.

Rhinologists and Laryngologists.

Frank D. Sanger, M.D. George W. Mitchell, M.D.

Associate Rhinologists and Laryngologists.

W. F. Zinn, M. D. Raymond McKenzie, M.D.

Proctologist.

Charles F. Blake, M.D.

Associate.

L. J. Rosenthal, M.D.

Orthopaedic Surgeon.

Albertus Cotton, M.D.

Associate.

H. L. Rogers, M.D.

Urologists.

A. G. Rytina, M.D.
A. J. Gillis, M.D.

MEDICAL DIVISION.

Physicians.

Maurice C. Pincoffs, M.D.
William F. Lockwood, M.D.
Standish McCleary, M.D.
Cary B. Gamble, M.D.
Harvey G. Beck, M.D.

Associates.

Hubert C. Knapp, M.D.
C. C. W. Judd, M.D.
Leon Freedom, M.D.
F. T. Kyper, M.D.
E. E. Mayer, M.D.
Bartus T. Baggott, M.D.
George McLean, M.D.
A. A. Sussman, M.D.
H. R. Peters, M.D.

Gastro-Enterologist.

Julius Friedenwald, M.D.

Associates.

T. Frederick Leitz, M.D.
Theodore Morrison, M.D.

Assistants.

Maurice Feldman, M.D.
Joseph Sindler, M.D.

Pediatricians.

John Ruhrah, M.D.
Edgar B. Friedenwald, M.D.

Assistant.

F. B. Smith, M.D.

Neurologist and Psychiatrist.

Andrew C. Gillis, M.D.

Assistant.

Milford Levy, M.D.

Dermatologist.

Melvin Rosenthal, M.D.

OBSTETRICAL DIVISION.

Obstetricians.

Charles Brack, M.D.
Geo. W. Dobbin, M.D.

Associate Obstetricians.

E. P. Smith, M.D.
T. K. Galvin, M.D.
J. J. Erwin, M.D.

GYNECOLOGICAL DIVISION.

Gynecologists.

William S. Gardner, M.D.
Abraham Samuels, M.D.
George A. Strauss, M.D.

Associate Gynecologists.

T. K. Galvin, M.D.
E. P. Smith, M.D.

PATHOLOGICAL DIVISION.

Pathologists.

Standish McCleary, M. D.
Hugh R. Spencer, M.D.

Clinical Pathologists.

H. T. Collenberg, M.D.
John G. Huck, M.D.
Emil G. Schmidt, Ph.D.

Technicians—Sister M. Joan, Ph.G., R.N., Anna Chenoweth, R.N.
Frances Donovan, R.N.

X-RAY DEPARTMENT.

Radiographers.

Albertus Cotton, M.D.
Harry L. Rogers, M.D.
K. W. Golley, M.D.

Technician—Sister M. de Sales, R.N.

MERCY HOSPITAL RESIDENT STAFF.

Resident Physician.

THOMAS B. TURNER, M.D.

Assistant Resident Physician.

J. E. EASTLAND, M.D.

Resident Surgeon.

P. G. MATTA, M.D.

Assistant Resident Surgeons.

EDWARD PLASSNIG, M.D.
J. W. NELSON, M.D.
I. MASERITZ, M.D.
HARRY GLICKMAN, M.D.
S. S. ARMSTRONG, M.D.

Resident Gynecologist.

CECIL M. HALL, M.D.

Internes.

F. R. DI PAULA, M. D.
SAMUEL HAUTMAN, M.D.
E. V. JORDAN, M.D.
E. J. LEONARD, M.D.
W. C. MERKEL, M.D.
I. L. LEVIN, M.D.
A. RATTENNI.
B. A. WEBER, M.D.

DISPENSARY STAFF OF MERCY HOSPITAL.

Surgery Supervisors.

Alexius McGlannan, M.D. W. D. Wise, M.D.

Attending Surgeons.

D. H. Mohr, M.D. Everard Briscoe, M.D.
I. O. Ridgely, M. D. H. B. McElwain, M.D.
D. J. Pessagno, M.D.

Genito-Urinary Surgery.

A. J. Gillis, M.D. K. B. Legge, M.D.

Orthopedic Surgery.

Albertus Cotton, M.D. Harry L. Rogers, M.D.
K. W. Golley, M.D.

Medicine Supervisors.

W. F. Lockwood, M.D. M. C. Pincoffs, M.D.

Attending Physicians.

B. T. Baggott, M.D. F. T. Kyper, M.D.
F. N. Hillis, M.D. Albert Scagnetti, M.D.
A. A. Sussman, M.D.

Cardiovascular Diseases.

A. A. Sussman, M. D., *Chief of Clinic.*

Diseases of the Lungs.

B. T. Baggott, M.D., *Chief of Clinic.*

Diseases of Stomach.

Supervisor, JULIUS FRIEDENWALD, M.D.

Attending Physicians.

T. FREDERICK LEITZ, M.D.
M. FELDMAN, M.D .
THEODORE H. MORRISON, M.D.
JOSEPH SINDLER, M.D.
S. ZINBERG, M.D.
A. EISENBERG, M.D.
J. N. ZIERLER, M.D.
I. I. LEVY, M.D.
C. D. STEENKEN, M.D.

W. F. ZINN, M.D., *Esophagoscopist.*

Nervous Diseases.

Supervisor, A. C. GILLIS.

Attending Physicians.

MILFORD LEVY, M.D.
R. A. WARNER, M.D.

Diseases of Women.

Supervisors.

W. S. GARDNER, M.D.
A. SAMUELS, M.D.

Attending Surgeons.

E. P. SMITH, M.D.
J. J. ERWIN, M.D.
T. K. GALVIN, M.D.
C. F. J. COUGHLIN, M.D.
E. EDLAVITCH, M.D.

Diseases of Nose and Throat.

W. F. ZINN, M.D.
R. F. MCKENZIE, M.D.
F. A. PACIENZA, M.D.

Diseases of Eye and Ear.

H. F. FLECK, M.D.
J. I. KEMLER, M.D.
M. RASKIN, M.D.
F. A. PACIENZA, M.D.

Proctology.

L. J, ROSENTHAL, M.D.

Dermatology.

MELVIN ROSENTHAL, M.D.

Assistant.

WILLIAM G. COPPAGE, M.D.

Social Service Department.

SISTER M. HELEN, R.N.
CATHERINE CAMPBELL, R.N.

MERCY HOSPITAL DISPENSARY REPORT.

January 1, 1925, to December 31, 1925.

Sister M. HELEN, Directress

Dispensary Clinics	New	Cases Old	Total
Surgical	1,024	3,091	4,115
Medical	1,189	1,811	3,000
Gynecological	304	821	1,125
Eye and Ear	423	807	1,230
Nose and Throat	675	596	1,271
Neurological	56	174	230
Gastro-Intestinal	127	443	570
Dental	16	17	33
Proctological.	16	28	44
Orthopedic	191	1,088	1,279
Dermatological	168	462	630
Genito-Urinary	772	5,114	5,886
	4,983	14,478	19,461

OTHER CLINICAL FACILITIES.

THE BALTIMORE CITY HOSPITAL.

The clinical advantages of the University have been largely increased by the liberal decision of the Board of Supervisors of City Charities to allow the immense material of these hospitals to be used for the purpose of medical education. There are daily visits and clinics in medicine and surgery by the Staff of the Hospitals. The autopsy material is unsurpassed in this country in amount, thoroughness in study, and the use made of it in medical teaching.

The Baltimore City Hospital consists of the following separate hospitals:

The General Hospital, 160 beds.

The Hospital for Chronic Cases, 88 beds.

The Hospital for Tuberculosis, 190 beds.

The Detention Hospital for Insane, 450 beds.

STAFF OF THE BALTIMORE CITY HOSPITAL.

VISITING STAFF.

THOMAS R. BOGGS, S.B., M.D., *Physician-in-Chief.*
ARTHUR M. SHIPLEY, Sc.D., M.D., *Surgeon-in-Chief.*
C. C. HABLISTON, M.D., *Physician-in-Chief to the Tuberculosis Hospital.*
HARRY GOLDSMITH, M.D., *Physician-in-Charge of the Detention Hospital for the Insane.*
WILEY D. FORBUS, A.B., M.D., *Visiting Pathologist.*
LAWRENCE S. OTELL, M.D., *Resident Pathologist.*

CONSULTING STAFF.

Otologist.

WILLIAM TARUN, M.D.

Gynecologists.

R. G. WILLSE, M.D.
J. MASON HUNDLEY, JR., M.A., M.D.

Urologist.

W. H. TOULSON, M.D.

Laryngologists.

H. R. SLACK, M.D.
EDWARD A. LOOPER, M.D.

Pediatrician.

JOHN RUHRAH, M.D.

Neurologist.

HENRY M. THOMAS, M.D.

Psychiatrists.

HENRY J. BERKLEY, M.D.
ADOLPH MEYER, M.D.

Orthopedist.

H. L. WHEELER, M.D.

Proctologist.

G. MILTON LINTHICUM, A.B., M.D.

Assistant Visiting Physician.

CHARLES R. AUSTRIAN, M.D.

Assistant Visiting Surgeons.

FRANK S. LYNN, M.D.
C. A. REIFSCHNEIDER, M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN.

This institution contains seventy-five beds for the active treatment of deformities. It is situated at "Radnor Park," a colonial estate of seventy-five acres at Hillsdale, within the western city limits, reached by trolley.

This institution has city, state, endowed and private beds and every modern facility for the treatment of orthopaedic cases as well as a most beautiful park-like environment and farm, and is closely affiliated with the University of Maryland for bed-side instruction.

STAFF.

R. Tunstall Taylor, A.B., M.D., *Surgeon-in-Chief.*

Associate Surgeons.

Sydney M. Cone, A.B., M.D.
Albertus Cotton, A.M., M.D.
Compton Riely, M.D.

Dispensary Surgeons.

H. L. Rogers, M.D.
Moses Gellman, M.D.

Physio-Therapists and Instructors in Corrective Gymnastics.

Miss Anita Renshaw Presstman
Miss Elizabeth Emory
Miss Florence Grape
Miss Georgiana Wisong
Miss Mary H. Lee, *Principal of School.*
Miss Mary Sampson, *Assistant.*

Roentgenologists.

Henry J. Walton, M.D.
Mrs. Georgiana Wisong

Attending Plastic Surgeon.

John Staige Davis, B.Sc., M.D.

Pediatrist.

Benjamin Tappan, B.A., M.D.

Attending Surgeon.

A. M. Shipley, Sc.D., M.D.

Attending Neuro-Surgeon.

CHARLES BAGLEY, JR., M.D.

Attending Laryngologist.

F. B. ANDERSON, M.D.

Attending Dermatologist.

JOHN R. ABERCROMBIE, A.B., M.D.

Attending Pathologist.

HOWARD J. MALDEIS, M.D.

Attending Oculist and Aurist.

WILLIAM TARUN, M.D.

Attending Neurologist.

IRVING J. SPEAR, M.D.

Attending Dentists.

G. E. P. TRUITT, D.D.S. J. B. BELL, D.D.S.

Consulting Surgeons.

J. M. T. FINNEY, A.B., M.D. RANDOLPH WINSLOW, A.M., M.D., LL.D.

Consulting Physicians.

THOMAS R. BROWN, A.B., M.D. LLEWELLYS F. BARKER, A.B., M.D.
THOMAS F. FUTCHER, A.B., M.D. WILLIAM S. THAYER, A.B., M.D.

Consulting Oculist.

HIRAM WOODS, M.D., LL.D.

Dispensary and Social Service Nurse.

MISS MABEL BROWN, R.N.

Head Nurse.

MISS GRACE L. ELGIN, R.N.

Resident Interne.

GORDON BENNETT TAYLOE

ST. VINCENT'S INFANT ASYLUM.

The facilities of this institution, containing 250 infants and children, have been kindly extended to the University of Maryland by the Sisters of Charity. This large clinic enables this school to present to its students liberal opportunities for the study of diseases of infants and children.

STAFF.

Obstetrician.
Dr. L. H. Douglass

Pediatricians.
Dr. W. C. Bacon
Dr. C. R. Goldsborough
Dr. W. H. Ingram
Dr. C. L. Joslin

Surgeon.
Dr. N. Winslow

Dermatologist.
Dr. J. A. Buchness

Oculist.
Dr. C .A. Clapp

Orthopedic Surgeon.
Dr. W. H. Daniels

Physician.
Dr. C. P. Clautice

INSTITUTIONS FOR THE TREATMENT OF THE INSANE AND FEEBLE-MINDED.

The Sheppard and Enoch Pratt Hospital. This institution is one of the most modern hospitals for the treatment and care of the insane in this country. It is well endowed and its superintendent is R. M. Chapman, M.D., Professor of Psychiatry at the University of Maryland. In this hospital intensive treatment and study of mental diseases is carried on a large number of the patients entering voluntary. The students under the direction of Dr. Chapman and his assistants in a series of clinics are shown the early manifestations and the various stages of mental diseases, the methods of treatment, and their effect. Special attention is given to etiological factors and the discussion of prevention.

Spring Grove Hospital. Through the courtesy of the Superintendent of this institution, the Professor of Psychiatry is enabled to present to the weekly clinics to the fourth year class the different types of psychoses and psycho-neuroses.

LIBRARIES.

The University Library, founded in 1813 by the purchase of the collection of Dr. John Crawford, now contains 23,928 volumes, a file of 70 current (medical) journals, and several thousand pamphlets and reprints. It is well stocked with recent literature, including books and periodicals of general interest. The home of the Library is Davidge Hall, a comfortable and commodious building in close proximity to the class rooms and the Laboratories of the Medical Department. The Library is open daily during the year, except in August, for use of members of the Faculty, the students, and the profession generally.

The Library of the Medical and Chirurgical Faculty of Maryland, containing 50,000 volumes, is open to the students of the school. The leading medical publications of the world are received by the library and complete sets of many journals are available. Other Libraries of Baltimore are the Peabody (215,307 volumes) and the Enoch Pratt Free Library (483,327 volumes).

All these libraries are open to the students of the school without charge.

ORGANIZATION OF THE CURRICULUM.

The following curriculum is the result of a thorough revision of teaching in this school in order to meet modern requirements. The multiplication of specialties in medicine and surgery necessitates a very crowded course and the introduction of electives will very soon be depended on to solve some of the difficulties.

The curriculum is organized under eleven departments:

1. Anatomy (including Histology and Embryology).
2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology and Otology.

The instruction is given in four years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures and functions of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in Medicine and Surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the needs of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF ANATOMY, INCLUDING HISTOLOGY AND EMBRYOLOGY.

C. L. Davis, M.D.	Professor of Anatomy
Tilghman B. Marden, A.B., M.D.	Prof. of Histology and Embryology
Edward Uhlenhuth	Associate Professor of Anatomy
John F. Lutz, M.D.	Instructor in Histology
Everard W. Briscoe, M.D.	Assistant in Anatomy
Wm. R. Johnson, M.D.	Assistant in Anatomy
Robt. W. Johnson, MD	Assistant in Anatomy
Joseph Pokorny, M.D.	Assistant in Anatomy

First Year. *Didactic.* Five hours each week for thirty-two weeks. Each day, preceding the laboratory period, a quiz and demonstration of from forty to fifty minutes is held, covering the laboratory work for the day.

Laboratory. Eighteen hours each week for thirty-two weeks. This course includes a complete dissection of the human body, including the central nervous system. Abundance of good material is furnished and the student is aided in his work by competent demonstrators. Practical examinations are held at frequent intervals throughout the session and each student will be held to strict account for material furnished him. Each student is furnished a skeleton and a deposit is required to insure its return in good condition at the end of the session.

Histology.

First Year. Lectures, recitations and laboratory work, ten hours each week during first semester; three hours each week during second semester. The most important part of the work will be done in the laboratory, where each student will be provided with apparatus, staining fluids and material necessary for the preparation of specimens for miscroscopical examination. An important aid to the course is the projection miscroscope and balopticon which are used for the projection upon a screen, of magnified images of the specimens actually used in the laboratory, and of illustrations from standard text books.

Embryology.

Lectures, recitations, and laboratory work; one hour each week during the first semester, and seven hours each week during the second semester.

This course includes the study of the development of the chick and the fundamental principles of mammalian embryology. In the laboratory, the hen's egg will be studied in its various stages of development, and sections of the chick at different periods of incubation will be made and studied microscopically. The latter part of the course will be devoted to the study of sections through different regions of mammalian embryos.

Special emphasis is laid upon the development in the human.

DEPARTMENT OF PHYSIOLOGY.

A. H. RYAN, M.D.	Professor of Physiology
CHARLES C. CONSER, M.D.	Associate Professor of Physiology
FERDINAND A. RIES, M.D.	Associate in Physiology
GEORGE A. KNIPP, M.D.	Instructor in Physiology

1. PHYSIOLOGY. The required course consists of lectures, recitations, laboratory work, demonstrations and conferences in the first and second years.

First Year. Two periods weekly of one hour each are given during the second half of the first year. These lectures are devoted to a general survey of the subject; the application of physical and physico-chemical methods to experimental physiology; the application of statistical methods and the presentation of results. The physiology of vision is also covered in lectures, the laboratory work being given in the second year.

Second Year. Three one-hour periods weekly throughout the year are devoted to lectures, recitations and demonstrations. Three hours weekly during the first semester and six hours per week during the second semester are spent in the laboratory. In the laboratory students work in small groups with complete sets of apparatus. The work is arranged to illustrate fundamental principles and at the same time to familiarize the student with methods employed in experimental physiology and medicine. The laboratory results are discussed at informal conferences. The subjects covered in the didactic and laboratory work include muscle, nerve, electro-physiology, blood, lymph, circulation, respiration, digestion, absorption, secretion, nutrition, internal secretions, nervous system and special senses. A considerable part of the laboratory work is upon mammals. Consultation of original papers at the library is required and current articles are discussed.

2. CLINICAL PHYSIOLOGY. During the second semester of the second year a one-hour clinic is held each week by the Department of Medicine to correlate physiology and medicine and serve as an introduction to the work of the clinical years.

3. RESEARCH. Hours to be arranged. The facilities of the laboratory are available to qualified persons to undertake original investigations.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY.

FRANK W. HACHTEL, M.D.	Professor of Bacteriology
WILLIAM ROYAL STOKES, M.D., Sc.D.	Professor of Bacteriology
LOUIS F. KRUMREIN, M.D.	Instructor in Bacteriology
J. A. F. PFEIFFER, M.D.	Instructor in Bacteriology
HENRY F. BUETTNER, M.D.	Instructor in Bacteriology

Instruction in bacteriology is given in the laboratory to the students of the second year during the first semester. This includes the various methods of preparation and sterilization of culture media, the study of pathogenic bacteria and the bacteriological examination of water and milk. The bacteriological diagnosis of the communicable diseases is also included in this course. Animal inoculations are made in connection with the bacteria studied. The most important protozoa are also studied in the laboratory. The principles of general bacteriology are taught by quiz, conference and lecture.

The principles of immunology are presented by means of quizzes, conferences and lectures to the second year class throughout the second semester, and practical experiments are carried out by the class in laboratory sessions of three hours each, held twice weekly during the semester. During the session of 1926-27, however, immunology will be taught in the first semester of the second year.

DEPARTMENT OF BIOLOGICAL CHEMISTRY.

H. Boyd Wylie, M.D.	Professor of Biological Chemistry
Frank N. Ogden, M.D.	Associate in Biological Chemistry
Emil G. Schmidt, Ph.D.	Instructor in Biological Chemistry

Instruction in Biological Chemistry comprises laboratory work, lectures and student conferences.

Laboratory Work. The laboratory work consists in the study of indicators and volumetric and buffer solutions, followed by a series of experiments illustrating the physical and chemical properties of carbohydrates, proteins and lipins. Subsequently enzymes, the tissues of the body, and, finally, bile, milk and the more thorough investigations of the chemistry of urine and blood conclude the assigned experimental work.

Lectures. The lectures precede or run parallel to the assigned laboratory work. The first lectures treat of laboratory technic, the chemistry of indicators and solutions, osmosis, diffusion, dialysis, colloids, the law of mass action, catalysis, reversible reactions and finally enzymes. The following lectures refer to the chemistry and metabolism of water, salts, other inorganic substances, carbohydrates, proteins and lipins and end with a discussion of the effect of diets deficient in the accessory food factors. The final lectures relate to the secretions and excretions.

The student conferences are conducted by one of the instructors. These gatherings take the form of written quizzes or informal oral quizzes.

PHARMACOLOGY AND MATERIA MEDICA.

WILLIAM HENRY SCHULTZ, Ph.B., Ph.D.	Professor of Pharmacology
O. G. HARNE, A.B.	Associate Professor of Pharmacology
WILLIAM GLENN HARNE	Assistant in Pharmacology
	Assistant in Pharmacology

1. *Materia Medica and Pharmacology.* 56 hours required. The methods now used in presenting the subject matter of Materia Medica and Prescription Writing have evolved as a result of some years of practical teaching. The science of Pharmacology has introduced methods of critical analysis in the choice of drugs proposed for use as medicine. As aids in determining the particular drugs chosen for study, use is made of the "United States Pharmacopoeia" and "New and Non-Official Remedies."

Official titles, whenever practicable, are expressed in English and all quantities are stated in terms of the metric system. The only way to get away from the unscientific system of English weights and measures, and from a Latin system which few ever learn correctly is to refuse to teach either one of them.

When possible, drugs are grouped according to their chemical composition and the influence of various radicals and side chains emphasized, whereas drugs, the chemistry of which is not definitely established, are grouped according to their dominant physiological action. Following the Pharmacology of a given group, their place in practical medicine is indicated, and the student is requested to prescribe same in suitable form. Thus a Materia Medica is developed throughout the course, based upon Pharmacological action of drugs.

2. *Systematic Pharmacology.* 96 hours required. Second year. In this portion of the course, the student is taught Pharmacology as a pure science. The aim is to attain a mean between that which has a purely scientific bearing and that dominantly practical so that both a critical attitude toward drugs, and an understanding of the principles of dosage may be acquired. This is accomplished by lectures, quiz, conference and the following course of laboratory exercises.

3. *Pharmacodynamics.* 96 hours. Second year. This laboratory course runs parallel with Pharmacology 2. Many of

the most important problems of Immunology, Parasitic intoxications, and of Chemotherapy are essentially Pharmacological. In the first part of the course the experiments are upon normal animals, hence primarily toxocological in character. In the latter part of the course more and more emphasis is laid upon what is now designated as chemo-therapeutic index of drugs.

4. *Pharmacology of General and Local Anesthetics and Soporifics.* Four weeks, 3 lectures, 3 laboratory periods a week. This is a special course designed to meet the needs of physician and graduate nurse who wish to acquire a knowledge of the more recent developments in the pharmacology of depressant and sleep producing drugs. The course is so arranged that those properly qualified may continue the work under expert anesthetists in the wards of the hospitals connected with the university. Professor Schultz.

5. *Research in Pharmacology and Chemo-Therapy.* Properly qualified students are admitted to the laboratory with a view to their carrying on original investigations in drug action. Thoroughly equipped laboratories are well adapted for post-graduate study and research in Pharmacology. Hours will be arranged to suit the applicant. Professor Schultz.

DEPARTMENT OF PATHOLOGY.

Hugh R. Spencer, M.D.	Professor of Pathology
Standish McCleary, M.D.	Professor of Pathology
Sydney M. Cone, M.D.	Associate Professor of Pathology
Albert E. Goldstein, M.D.	Associate in Pathology
M. Alexander Novey, M.D.	Instructor in Pathology
H. R. Peters, M.D.	Instructor in Pathology
Monte Edwards, M.D.	Assistant in Pathology
Lawrence S. Otell, M.D.	Assistant in Pathology
Welch England, M.D.	Assistant in Pathology

Courses of instruction in Pathology are given during the second and third years. These courses are based on previous study of normal structure and function and aim to outline the natural history of disease. Instruction is made as practical as possible that the student may become familiar with the appearance of tissues in disease and may be able to correlate anatomical lesions with clinical symptoms and signs.

1. *General Pathology and Histo-Pathology.* This course is given to second year students. It includes the study and demonstration of disturbances of the body fluids, disturbances of structure, nutrition and metabolism of cells, disturbances of fat, carbohydrate and protein metabolism, disturbances in pigment metabolism, inflammation and tumors. The laboratory course consists in a daily preliminary talk on the subject for study, following which the student takes up the study of microscopical sections. Gross material from autopsy and from the museum is demonstrated in conjunction with the microscopical sections.

2. *Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology.* Third year students: In this course the special relationship of the gross and microscopical lesions to clinical symptoms and signs is emphasized. Fresh material from autopsy collected at the various hospitals is demonstrated and supplemented by a study of the respective autopsy protocols.

3. *Autopsies.* Third Year. Autopsy technic is taught to small groups of students by special instruction at autopsies performed at the various hospitals. Students are required to assist at the autopsy, study the organs, examine the microscopical sections, make cultures and prepare autopsy protocols.

4. *Clinical Pathological Conference.... Fourth Year.* In collaboration with the Department of Medicine. Material from autopsies is studied with reference to the correlation of the clinical aspects with the pathological findings.

5. *Advanced Work in Pathology.* Properly qualified students will be permitted to carry out advanced or research work along the lines of experimental pathology.

DEPARTMENT OF MEDICINE.

Maurice C. Pincoffs, B.S., M.D.	Professor of Medicine
Gordon Wilson, M.D.	Professor of Medicine
Standish McCleary, M.D.	Professor of Pathology and Clinical Medicine
Jos. E. Gichner, M.D.	Professor of Clinical Medicine
Charles W. McElfresh, M.D.	Professor of Clinical Medicine
G. Carroll Lockard, M.D.	Professor of Clinical Medicine
Harvey G. Beck, Sc.D., M.D.	Professor of Clinical Medicine
Paul W. Clough, B.S., M.D.	Associate Professor of Medicine
C. C. W. Judd, A.B., M.D.	Associate Professor of Medicine
Sydney R. Miller, M.D.	Associate Professor of Medicine
Walter A. Baetjer, A.B., M.D.	Associate Professor of Medicine
Harry M. Stein, M.D.	Associate Professor of Medicine
H. D. McCarty, M.D.	Associate Professor of Clinical Medicine
Wm. H. Smith, M.D.	Associate Professor of Clinical Medicine
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
S. Lloyd Johnson, A.B., M.D.	Associate Professor of Medicine
John G. Huck, M.D.	Assistant Professor of Medicine
George McLean, M.D.	Assistant Professor of Medicine
C. C. Habliston, M.D.	Assistant Professor of Medicine
L. A. M. Krause, M.D.	Associate in Medicine
Reed Rockwood, A.B., M.S., M.D.	Associate in Medicine
Bartus T. Baggott, M.D.	Instructor in Medicine
R. C. Metzel, M.D.	Associate in Clinical Medicine
W. I. Messick, M.D.	Associate in Clinical Medicine
Leon Freedom, M.D.	Instructor in Medicine
H. R. Peters, M.D.	Instructor in Medicine
William Michel, M.D.	Instructor in Medicine
H. M. Bubert, M.D.	Instructor in Medicine
Edward Novak, M.D.	Instructor in Medicine
F. L. Badagliacca, M.D.	Instructor in Medicine
F. T. Kyper, M.D.	Assistant in Medicine
W. S. Love, Jr., A.B., M.D.	Instructor in Medicine
A. A. Sussman, M.D.	Instructor in Medicine
Wetherbee Fort, M.D.	Assistant in Medicine
M. G. Gichner, M.D.	Assistant in Medicine
Frederick B. Dart, M.D.	Assistant in Medicine
W. H. Woody, M.D.	Assistant in Medicine
Thomas B. Turner, M.D.	Assistant in Medicine

GENERAL OUTLINE.

Second Year.

Introduction to clinical medicine.
- (a) Introductory physical diagnosis.
  - (1 hour a week, first semester.)
  - (2 hours a week, second semester).
- (b) Clinical lectures on pathological physiology.
  - (1 hour a week, second semester).

Third Year.

- I. The methods of examination (13 hours a week).
  - (a) History taking.
  - (b) Physical diagnosis.
  - (c) Clinical pathology.

  These subjects are taught and practiced in the out-patient department and in the clinical laboratory.
- II. The principles of medicine (7 hours a week).
  - (a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics and preventive medicine.
- III. The principles of therapeutics (2 hours a week).
  - Lectures and demonstrations in general therapeutics, physical therapeutics and materia medica.

Fourth Year.

The practice of medicine.
- I. Clinical clerkship on the medical wards.
  - (26 hours a week for ten weeks).
  - (a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.
  - (b) Ward classes in general medicine, the medical specialties, and therapeutics.
- II. Clinics in general medicine and the medical specialties.
  - (6 hours a week).
- III. Dispensary work in the medical specialties.
- IV. Clinical pathological conferences (1 hour a week).

Medical Dispensary Work.

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two periods a week of two hours each in dispensary work. The work is done in groups of four to six students under an instructor. Systematic history taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Physical Diagnosis.

SECOND YEAR. Didactic lectures and practical demonstrations in topographical anatomy and normal physical signs.

THIRD YEAR. The class is divided into small groups, and each section receives instruction for four hours a week for the entire session in the medical dispensaries of the hospitals. The large clinical material of the dispensaries and hospitals is utilized to give each student the opportunity to familiarize himself with the common types of bodily structure, with the normal variations in physical signs and with the physical signs of the chief pulmonary, circulatory and abdominal diseases.

Therapeutics.

THIRD YEAR. General therapeutics and materia medica are taken up and an effort is made to familiarize the student with the practical treatment of disease. The special therapy of the chief diseases is then reviewed. Two hours a week. Dr. Lockard.

The principles of physical therapy are taught in a special lecture and demonstration course consisting of six one-hour periods. Dr. Gichner.

FOURTH YEAR. Special consideration is given to the practical application of therapeutic principles in bedside teaching and the chief therapeutic methods are demonstrated.

Tuberculosis.

During the third year in connection with the instruction in physical diagnosis a practical course is given weekly to sections of the class at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

Syphilis.

THIRD YEAR. During the third year the subject of syphilis will be dealt with in the lecture course.

FOURTH YEAR. An elective course in the therapeutic management of syphilis will be offered in the dispensary.

CLINICAL PATHOLOGY

John G. Huck, M.D.	Head of Department Assistant Professor of Medicine
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
S. R. Miller, M.D.	Associate Professor of Medicine
L. A. M. Krause, M.D.	Associate in Medicine
F. T. Kyper, M.D.	Instructor in Medicine
M. G. Gichner, M.D.	Assistant in Medicine

During the third year the student is thoroughly drilled in the technique of the usual clinical laboratory work, so that he is able to perform all routine examination which may be called for during his fourth year, in connection with the work in the wards and dispensary.

The practical work is supplemented by a series of didactic lectures and demonstrations in which the entire teaching staff of the department takes an active part. The microscopical and chemical study of blood, exudates and transudates, gastric juice, spinal fluid, feces and urine are successively taken up, and special attention directed to the clinical significance of the findings.

Clinical parasitology from the standpoint of the infecting agent and the carrier is given careful consideration.

The entire course is thoroughly practical. Each student is provided with a microscope, blood counters and hemoglobinometer for his exclusive use, and every two students with a special laboratory outfit for all routine purposes.

During the fourth year the student applies what he has learned during the preceding year in the laboratories of the various affiliated hospitals. He is also supplied with a laboratory outfit which is sufficiently complete to enable him to work independently of the general equipment. Special instructors are available during certain hours to give necessary assistance and advice.

GASTRO-ENTEROLOGY.

Julius Friedenwald, A.M., M.D.	Professor of Gastro-Enterology
T. Fred Leitz, M.D.	Clinical Professor of Gastro-Enterology
J. Harry Ullrich, M.D.	Assistant Professor of Gastro-Enterology
Theodore H. Morrison, M.D.	Assistant Professor of Gastro-Enterology
Maurice Feldman, M.D.	Associate in Gastro-Enterology
Joseph Sindler, M.D.	Instructor in Gastro-Enterology
Z. Morgan, M.D.	Instructor in Gastro-Enterology
M. S. Koppleman, M.D.	Assistant in Gastro-Enterology
N. J. Davidov, M.D.	Assistant in Gastro-Enterology
Albert Eisenberg, M.D.	Assistant in Gastro-Enterology
I. S. Zinberg, M.D.	Assistant in Gastro-Enterology
Joseph N. Zierler, M.D.	Assistant in Gastro-Enterology
Isidore I. Levy, M.D.	Assistant in Gastro-Enterology
C. D. Steenken, M.D.	Assistant in Gastro-Enterology

Fourth Year. Clinics, recitations and demonstrations to the class for one hour a week throughout the session. Dispensary instruction to small groups throughout the entire session. Practical instruction in the differential and clinical diagnosis and demonstrations of the newer methods of diagnosis in gastro-intestinal affections.

PSYCHIATRY.

R. M. Chapman, M.D.	Professor of Psychiatry
H. S. Sullivan, M.D.	Associate Professor of Psychiatry
Harry Goldsmith, M.D.	Instructor in Psychiatry

Third Year. In the third year the student attends fifteen clinical lectures and five clinics which are designed to be introductory to the more intensive work in psychiatry in the fourth year.

Fourth Year. The class is divided into sections for clinical conferences on selected groups of cases. Each student works for a short period as assistant in the Mental Hygiene Clinic and thus gains practical experience of the problems of history taking, examination, and the care of psychiatric patients.

PEDIATRICS.

John Ruhrah, M.D.	Professor of Pediatrics
Charles L. Summers, M.D.	Professor of Pediatrics
Edgar R. Friedenwald, M.D.	Clinical Professor of Pediatrics
C. Loring Joslin, M.D.	Assistant Professor of Pediatrics
W. H. Ingram, M.D.	Associate in Pediatrics
H. H. Warner, M.D.	Associate in Pediatrics
W. J. Todd, M.D.	Instructor in Pediatrics
John H. Traband, M.D.	Instructor in Pediatrics
William F. Geyer, M.D.	Instructor in Pediatrics
I. J. Feinglos, M.D.	Instructor in Pediatrics
W. E. Brent, M.D.	Instructor in Pediatrics
Clarence E. Macke, M.D.	Instructor in Pediatrics
Bernard J. Ferry, M.D.	Assistant in Pediatrics
George E. Wells, M.D.	Assistant in Pediatrics
F. Stratner Orem, M.D.	Assistant in Pediatrics
G. A. Knipp, M.D.	Assistant in Pediatrics
J. J. McGarrell, M.D.	Assistant in Pediatrics
H. A. Rutledge, M.D.	Assistant in Pediatrics
Albert Jaffe, M.D.	Assistant in Pediatrics
R. M. Hening, M.D.	Assistant in Pediatrics
Marie Kovner, M.D.	Assistant in Pediatrics
A. G. Webster, M.D.	Assistant in Pediatrics
Ephraim Meyer, M.D.	Assistant in Pediatrics
Rachel Korotky, M.D.	Assistant in Pediatrics
Elizabeth Sherman, M.D.	Assistant in Pediatrics

Third Year. Instruction during the third year consists of one lecture each week in which infant feeding and the most important diseases of infancy and childhood are especially emphasized. Drs. Summers and Friedenwald.

Fourth Year. During this year a weekly clinical lecture is given where the character of disease is fully demonstrated and the students are afforded an opportunity for personal examination of all cases. In addition ward classes are held weekly where bedside instruction is given. A section of the class also works daily at the Babies' and Children's Clinic. This clinic, which is under the direction of Dr. Summers, has a yearly attendance of more than twenty thousand, and offers an excellent opportunity for study and observation of a wide variety of cases under competent instructors.

Instruction is also given on the Children's Ward at the Mercy Hospital.

NEUROLOGY.

Irving J. Spear, M.D.	Professor of Neurology
Andrew C. Gillis, A.M., LL.D., M.D.	Professor of Neurology
G. M. Settle, A.B., M.D.	Associate Professor of Neurology
Benjamin Pushkin, M.D.	Assistant Professor of Clinical Neurology
Milford Levy, M.D.	Associate in Neurology
J. A. Skladowsky, M.D.	Assistant in Neurology
H. W. Rosenthal, M.D.	Assistant in Neurology

Third Year. Lectures and recitations one hour each week to the entire class. Instruction in clinical neurology two hours a week at the City Hospital to small groups. By means of didactic lectures and clinical conferences there are considered the commoner types of diseases of the nervous system, the methods of neurological examination, and the relationship of signs and symptoms to pathological conditions. The material at University and Mercy Hospitals is available.

Fourth Year. Clinical Conference, one hour each week to the entire class. This subject is taught at the University and Mercy Hospitals. All cases presented at these clinics are carefully examined; complete written records are made by the students who demonstrate the cases before the class. The cases are usually assigned one or two weeks before they are presented, and each student in the class must prepare one or more cases during the year.

Ward Class Instruction. In small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the cases in the wards under the supervision of the instructor.

Dispensary Instruction. Small sections are instructed in the dispensaries of the University and Mercy Hospitals four afternoons each week. In this way students are brought into contact with nervous diseases in their earlier as well as later manifestations.

HYGIENE AND PREVENTIVE MEDICINE.

C. Hampson Jones, M.D., C.M.	Professor of Hygiene and Public Health
J. F. Hogan, M.D.	Instructor in Hygiene and Public Health

Third Year. Two lectures a week throughout the session. The lectures will encompass the fundamental subjects: Air, Water, Soil, Food, Disposal of Wastes, Communicable Diseases, State and Federal Public Health Laws, and Industrial Diseases. Small groups visit the Sydenham Hospital weekly and are given practical instruction in the diagnosis, treatment and isolation of the contagious diseases.

Fourth Year. Small groups visit the City Board of Health Laboratories for practical instruction in the laboratory field and administrative aspects of public health work.

MEDICAL JURISPRUDENCE.

H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence Baltimore City Post Mortem Physician

Fourth Year. One hour each week for one semester.

Inasmuch as Medical Jurisprudence teaches the application of every branch of medical knowledge to the needs of the law, civil or criminal, this course embraces the following:—Proceedings in criminal and civil prosecution; medical evidence and testimony; identity in its general relations; sexual abnormalities; personal identity; impotence and sterility; rape; criminal abortions; signs of death; wounds in their medico-legal relations; death, natural and homicidal; malpractice; insanity and medico-legal autopsies.

DEPARTMENT OF SURGERY

Arthur M. Shipley, Sc.D., M.D.	Professor of Surgery
Alexius McGlannan, A.M., M.D.	Professor of Surgery
Joseph H. Branham, M.D.	Professor of Clinical Surgery
Nathan Winslow, A.M., M.D.	Clinical Professor of Surgery
Page Edmunds, M.D.	Clinical Professor of Industrial Surgery
Walter D. Wise, M.D.	Clinical Professor of Surgery
Joseph W. Holland, M.D.	Clinical Professor of Surgery
Frank S. Lynn, M.D.	Clinical Professor of Surgery
Elliot H. Hutchins, A.M., M.D.	Associate Professor of Surgery
Thomas R. Chambers, A.M., M.D.	Associate Professor of Surgery
R. W. Locher, M.D.	Assoc'te Professor of Operative and Clinical Surgery
Charles Reid Edwards, M.D.	Associate Professor of Surgery
E. H. Hayward, M.D.	Associate in Surgery
A. M. Evans, M.D.	Associate in Surgery
F. L. Jennings, M.D.	Associate in Surgery
E. S. Johnson, M.D.	Associate in Surgery
C. A. Reifschneider, M.D.	Associate in Surgery
M. J. Hanna, M.D.	Associate in Surgery
H. M. Foster, M.D.	Instructor in Surgery
F. X. Kearney, M.D.	Instructor in Surgery

Charles W. Maxson, M.D	Instructor in Surgery
C. F. Horine, M.D	Instructor in Surgery
Dwight Mohr, M.D	Assistant in Surgery
Wm. R. Geraghty, M.D	Assistant in Surgery
S. Demarco, M.D	Assistant in Surgery
Clyde Marvel, M.D	Assistant in Surgery
Everard Briscoe, M.D	Assistant in Surgery
I. O. Ridgely, M.D	Assistant in Surgery
H. B. McElwain, M.D	Assistant in Surgery
D. J. Passagno, M.D	Assistant in Surgery
J. G. Onnen, M.D	Assistant in Surgery
W. R. Johnson, M.D	Assistant in Surgery
Monte Edwards, M.D	Assistant in Surgery
James Brown, M.D	Assistant in Surgery
E. W. Hanrahan, A.B., M.D	Assistant in Surgery
A. V. Buchness, M.D	Assistant in Surgery
Karl J. Steinmueller, A.B., M.D	Assistant in Surgery
J. O. Warfield, A.M., M.D	Assistant in Surgery

The teaching is done in the Anatomical Laboratory and the dispensaries, wards, clinical laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and dead-house of the Baltimore City Hospital.

Instruction is given by means of lectures, recitations, dispensary work, bed-side instruction, ward classes, and clinics. The work begins in the second year, and continues throughout the third and fourth years.

Second Year.

Topographic and Surgical Anatomy. 10 hours a week for the first semester. The course is designed to bridge the gap between anatomy in the abstract, and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected when necessary to bring out outlines and relations of structures.

Didactic Lectures. Two hours a week for one semester, augmented by demonstrations with specimens, charts, and cross section. Dr. Holland.

Laboratory. Eight hours a week for the first semester. Dr. Hanna, assisted by Drs. Brady, Hundley, Warfield, Boyd and Mr. Clark.

Principles of Surgery. This course includes history taking, records of physical examinations and of operations and progress notes; the preparation of surgical dressings, suture materials and solutions. It includes inflammation, infections, ulcers, gangrene, fistulae and sinuses, hemorrhage and shock; the use of splints, bed frames, bone plates, bone grafts, etc., local anaesthesia and the preparation of patients for operations. Lectures and conferences. Two hours per week for one semester to the entire class. Dr. Edwards.

Third Year.

General and Regional Surgery. Principles of surgery and general surgery, three hours a week throughout the year to the entire class, lectures, recitations and clinics. Dr. Shipley.

The class is divided into groups and receives instruction in history-taking, gross pathology, and surgical diagnosis—at the bedside and in the dead-house of the Baltimore City Hospital. Drs. Shipley, Lynn and Reifschneider.

Operative Surgery. Instruction is given in operative surgery upon the cavader and on dogs. The class is divided into sections, and each section is given practical and individual work under the supervision of the instructors. Dr. Frank S. Lynn, assisted by Drs. Nathan Winslow, Locher, Hayward, E. S. Johnson, Foster, Geraghty, Demarco, Horine, Pessagno, Onnen, Maxson, W. R. Johnson, Buchness, Hanrahan, Brown, Steinmueller and Warfield.

Fractures and Dislocations. Twenty-four hours to the entire class. This course consists of instruction in the various forms of fractures and dislocations and their treatment, and serves as a preparatory course for clinical work. Drs. Wise and Jennings.

Surgical Dispensary. Under supervision, the student takes the history, makes the physical examinations, attempts the diagnosis, and, as far as possible, carries out the treatment of the ambulatory surgical cases in the University and in the Mercy Hospitals. Mercy Hospital—Drs. Dwight Mohr, Ridgley, Passagno, Briscoe and McElwain. University Hospital—Drs. Holland, Lynn, Nathan Winslow, Edwards, E. S. Johnson and Foster.

Fourth Year.

Clinics. A weekly clinic will be given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Dr. McGlannan. University Hospital—Dr. Shipley.

Surgical Pathology. A weekly exercise of one hour at Mercy Hospital for one semester, at which specimens from the operating-room and museum are studied in the gross and microscopically, in relation with the case history. Dr. McGlannan.

Industrial Surgery. Operative and post-operative treatment of accident cases, with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. Edmunds.

Clinical Clerkship. The personal study of assigned hospital patients, under supervision of the staffs of University and of Mercy Hospitals, history taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

Ward Classes. Ward class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after care of operative cases. Mercy Hospital—Drs. McGlannan, Wise, Elliot Hutchins, Evans and Chambers. University Hospital—Drs. Shipley, Holland, Edmunds, Lynn and Edwards.

ANAESTHESIA.

Second Year.

Lectures on history of anaesthesia: Ancient and Modern. General physiology of anaesthesia. Special physiology of each anaesthetic agent. Different methods for producing general anaesthesia, with a detailed description of each. The selection of the anaesthetic and method best suited for its administration in particular cases. Difficulties and accidents during and following anaesthesia, their causes, prevention and control. Different methods of resuscitation. Blood pressure: Its significance and bearing on selection of the anaesthetic and use as a guide during anaesthesia.

Eight hours to the entire class. Drs. S. Griffith Davis and W. G. Queen.

Fourth Year.

During the clinics and operations before small groups, each student will be required to observe the administration of anaesthetics and to keep a chart recording blood pressure, pulse and respiration under the direction of an instructor.

DERMATOLOGY.

T. Caspar Gilchrist, M.R.C.S., M.D.	Professor of Dermatology
Melvin Rosenthal, M.D.	Associate Professor of Dermatology
Harry M. Robinson, M.D.	Associate Professor of Dermatology
John R. Abercrombie, A.B., M.D.	Associate in Dermatology
A. C. Monninger, M.D.	Assistant in Dermatology

Clinical conferences one hour each week to entire class. This course will consist of demonstrations of the common diseases of the skin. Dr. Gilchrist.

Dispensary instruction, University Hospital, Mondays, Wednesdays and Fridays in the diagnosis and treatment of the common skin diseases. Drs. Abercrombie, Robinson and Gately. Dispensary instruction, Mercy Hospital. Dr. Rosenthal.

ORTHOPAEDIC SURGERY.

R. Tunstall Taylor, A.B., M.D.	Professor of Orthopaedic Surgery
Albertus Cotton, A.M., M.D.	Professor of Orthopaedic Surgery
Compton Riely, M.D.	Clinical Professor of Orthopaedic Surgery
W. H. Daniels, M.D.	Associate in Orthopaedic Surgery
H. L. Wheeler, M.D.	Instructor in Orthopaedic Surgery
H. L. Rogers, M.D.	Assistant in Orthopaedic Surgery

In this course didactic, clinical, bed-side and out-patient instruction will be given. This instruction is provided in the University Hospital Amphitheater and in the Dispensary, Mercy Hospital and Dispensary and Kernan Hospital and Industrial School for Crippled Children at "Radnor Park," and in the Dispensary of same at 620 West Lombard Street.

Lectures, clinics and quizzes will be held at each of the hospitals once a week. In addition, a weekly bedside clinic will be held for small sections of the class at "Radnor Park."

The course will cover instruction in special methods and instruments required in this surgical specialty, including X-Ray interpretation; Wolff's law; tuberculosis of bones and joints; deformities of the feet; non-tuberculous affliction of bone and joints; the paralyses; the bursal, tendinous and muscular conditions producing orthopaedic affections; rickets, scurvy; osteomalacia; chondro-dystrophies; wry-neck and the use and application of orthopaedic apparatus.

ROENTGENOLOGY AND RADIOTHERAPY.

Henry J. Walton, M.D	Professor of Roentgenology
Albertus Cotton, M.D	Professor of Roentgenology
Charles Reid Edwards, A.B., M.D	Associate in Radio Therapy
Howard E. Ashbury, M.D	Associate in Roentgenology

Instruction is given in the history, physics, and practical application of Roentgen Rays and Radium. Especial effort is made to demonstrate the use of the Roentgen Ray in diagnosis by instruction in both fluroscopy and plate reading. The sections of the fourth year class receive two hours instruction each week.

The student is also taught the practical application of Radium and Roentgen Rays as therapeutic agents. In the X-Ray laboratory and in the hospital wards students are shown the use of these agents in the treatment of disease.

DISEASES OF THE THROAT AND NOSE

Edw. A. Looper, M.D	Clinical Prof. of Diseases of the Throat and Nose
W. F. Zinn, M.D	Associate Professor of Diseases of Throat and Nose
Frank B. Anderson, M.D	Associate in Diseases of the Throat and Nose
R. F. McKenzie, M.D	Instructor in Diseases of the Throat and Nose

Third Year. Instruction to entire class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures are illustrated by lantern slides. Dr. Looper.

Fourth Year. Dispensary instruction daily to small sections at the University and the Mercy Hospitals. The student is given opportunity to study, diagnose and treat practical cases under an instructor. Ward classes and clinical demonstrations are given one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

GENITO-URINARY DISEASES.

Anton G. Rytina, A.B., M.D.	Professor of Genito-Urinary Diseases
W. H. Toulson, A.B., M.Sc., M.D.	Associate Professor of Genito-Urinary Diseases
Harris Goldman, M.D.	Associate in Genito-Urinary Diseases
Austin H. Wood, M.D.	Associate in Genito-Urinary Diseases
A. J. Gillis, M.D.	Instructor in Genito-Urinary Diseases
L. K. Fargo, M.D.	Instructor in Genito-Urinary Diseases
H. C. Knapp, M.D.	Assistant in Genito-Urinary Diseases
H. T. Collenberg, M.D.	Assistant in Genito-Urinary Diseases
J. H. Collison, M.D.	Assistant in Genito-Urinary Diseases
Monte Edwards, M.D.	Assistant in Genito-Urinary Diseases
L. J. Millan, M.D.	Assistant in Genito-Urinary Diseases
William Emrich, M.D.	Assistant in Genito-Urinary Diseases
T. Willis Guyton, M.D.	Assistant in Genito-Urinary Diseases

THIRD YEAR. 8 hours to the entire class. This course is a didactic one in the principles of Genito-Urinary Surgery. Dr. Toulson.

FOURTH YEAR. The course includes urethroscopy, cystoscopy, ureter catheterization, renal functional tests, urography, urine cultures, etc. The teaching consists of clinics in the amphitheater, ward rounds, and attendance by members of the Senior class upon out patients in the dispensary. The dispensary classes are carried on both at the Mercy and the University Hospital dispensaries. In the latter institution, the Maryland State Department of Health conducts a venereal disease clinic, in which 20,133 visits were paid last year. Every variety of venereal disease is here encountered, and this rich wealth of material is available for teaching purposes. In addition to this, a cystocopic clinic is conducted in another part of the dispensary, where the students are given practical instruction in the modern diagnostic methods.

DISEASES OF THE COLON AND RECTUM

G. Milton Linthicum, A.M., M.D.	Professor of Diseases of Rectum and Colon
Charles F. Blake, M.D	Professor of Diseases of Rectum and Colon
J. Dawson Reeder, M.D.	Associate Professor of Diseases of Rectum and Colon
L. J. Rosenthal, M.D.	Associate Professor of Diseases of Rectum and Colon

Third Year. 6 hours to the entire class. This course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and will cover the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Linthicum.

The class is divided into sections for clinical instruction in the Baltimore City Hospital. Dr. Linthicum.

Fourth Year. Ward and Dispensary instruction is given in the University and Mercy Hospitals where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope and examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Blake and Rosenthal. University Hospital—Drs. Linthicum and Reeder.

DEPARTMENT OF OBSTETRICS.

J. M. H. Rowland, M.D	Professor of Obstetrics
George W. Dobbin, M.D	Professor of Obstetrics
Bernard Purcell Muse, M.D	Professor of Clinical Obstetrics
Charles E. Brack, M.D	Clinical Professor of Obstetrics
L. H. Douglass, M.D	Associate Professor of Obstetrics
J. McF. Bergland, M.D	Associate Professor of Obstetrics
E. P. Smith, M.D	Associate in Obstetrics
Emil Novak, M.D	Associate in Obstetrics
J. G. M. Reese. M.D	Instructor in Obstetrics
Dudley Pleasants Bowe, M.D	Instructor in Obstetrics
J. G. Murray, Jr., A.B., M.D	Instructor in Obstetrics
M. A. Novey, A.B., M.D	Instructor in Obstetrics
Maurice Lazenby, M.D	Assistant in Obstetrics
J. J. Erwin, M.D	Assistant in Obstetrics
Isadore H. Siegel, M.D	Assistant in Obstetrics

Third Year. Three lectures and recitations each week by Drs. Dobbin, Bergland, Novak, Murray, Douglass and Rowland to entire class. Manikin Work, Drs. Brack, Smith and Erwin to sections of class at Mercy Hospital, and Drs. Douglass, Reese, Bowe, Novey and Rowland at University Hospital.

FOURTH YEAR. Clinical Conference. One hour each week Drs. Rowland, Douglass, Murray and Lazenby.

Ward Classes. Six hours per week for five weeks to sections of class at University Hospital. Drs. Douglass, Reese, Bowe, Novey and Rowland at University Hospital.

DEPARTMENT OF GYNECOLOGY.

WILLIAM S. GARDNER, M.D.	Professor of Gynecology
J. MASON HUNDLEY, M.M.	Professor of Clinical Gynecology
HUGH BRENT, M.D.	Associate Professor of Gynecology
ABRAHAM SAMUELS, M.D.	Associate Professor of Gynecology
GEO. A. STRAUSS, M.D.	Associate in Gynecology
R. G. WILLSE, M.D.	Associate in Gynecology
T. K. GALVIN, M.D.	Assistant in Gynecology
J. M. HUNDLEY, JR., M.D.	Assistant in Gynecology
LEO. BRADY, M.D.	Assistant in Gynecology

THIRD YEAR. *Didactic Work.* A course of thirty lectures and recitations.

Clinical Work. Six hours weekly for one trimester. In this course the student writes the clinical history of each patient in the ward, makes a general physical examination, including the blood and urine, before the patient is brought before the class. One student under supervision gives the anaesthetic, a pelvic examination is made by six students, and any operation required is then done before a section of the class small enough to see clearly what is being done and how it is done. On a subsequent day the whole group examine microscopically sections prepared from material removed from patients that have been before them.

DEPARTMENT OF OPHTHALMOLOGY AND OTOLOGY.

HARRY FRIEDENWALD, A.B., M.D.	Prof. of Ophthalmology and Otology
J W. DOWNEY, M.D.	Clinical Professor of Otology
M. RANDOLPH KAHN, M.D.	Associate Professor of Ophthalmology
H. K. FLECK, M.D.	Associate in Ophthalmology
JOSEPH I. KEMLER, M.D.	Associate in Ophthalmology

THIRD YEAR. First semester, *Course in Diseases of the Eye.* Sept. 28th to January 23rd. Dr. Harry Friedenwald.

Course in Diseases of the Ear, second semester. Dr. Downey.

Practical Course in Ophthalmoscopy, once weekly, in sections. Dr. Kemler.

FOURTH YEAR. *Clinics in Diseases of the Eye and Ear,* weekly. Drs. Harry Friedenwald and Downey.

Ward Studies of ocular and aural lesions associated with general medical diseases, once weekly in sections. Dr. Friedenwald.

Dispensary Instruction, daily to small sections. Drs. Kahn, Fleck, Downey and Kemler.

The courses in Ophthalmology and Otology are designed to familiarize the students with the common diseases of the eye and ear, their recognition and treatment, with a view to meet the needs of the general practitioner. Special emphasis is laid upon the relation between diseases of the eye and the ear and systemic diseases and diseases of other organs.

HISTORY OF MEDICINE.

A course of ten lectures will be given on the History of Medicine. These lectures will be given once weekly during March, April and May by Dr. John R. Oliver.

FIRST YEAR SCHEDULE—First Semester, 1926-1927

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9 to 10	Biological Chemistry C. H.	Laboratory Histology & Embryology P. & S. 32	Laboratory Histology & Embryology P. & S. 32	Laboratory Histology & Embryology P. & S. 32	Biological Chemistry C. H.	Anatomy Laboratory & C. H.
10 to 11	Laboratory Biological Chemistry Section B				Laboratory Biological Chemistry Section A	
11 to 12.00				Lunch and Transfer		
12 M. to 1 P. M.		Lunch and Transfer	Lunch and Transfer			
1 to 1.30	Lunch			Biological Chemistry A. H.	Lunch	
1.30 to 2	Anatomy C. H., A. H., & Laboratory	Anatomy A. H., & Laboratory	Anatomy C. H., A. H., & Laboratory		Anatomy C. H., A. H., & Laboratory	
2 to 4.30				Anatomy C. H., A. H., & Laboratory		
4.30 to 5						

FIRST YEAR SCHEDULE—Second Semester, 1926-1927

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Biological Chemistry C. H.	Laboratory Histology & Embryology P. & S. 32	Laboratory Histology & Embryology P. & S. 32	Laboratory Histology & Embryology P. & S. 32	Biological Chemistry C. H.	Anatomy Laboratory & C. H.
9.30 to 10.30	Laboratory Biological Chemistry Section B				Laboratory Biological Chemistry Section A	
10.30 to 11.30				Transfer		
11.30 to 12.30 P. M.		Physiology P. & S. 34	Lunch and Transfer	Physiology A. H.		
12.30 to 1	Lunch	Lunch and Transfer		Lunch	Lunch	
1 to 1.30				Biological Chemistry A. H.		
1.30 to 2	*Anatomy C. H., A. H., & Laboratory	Anatomy A. H., & Laboratory	Anatomy C. H., A. H., & Laboratory		Anatomy C. H., A. H., & Laboratory	
2 to 4.30				Anatomy C. H., A. H., & Laboratory		
4.30 to 5						

A. H. Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall—Lower Hall, N. E. Cor. Lombard and Greene Streets.
Anatomy Laboratory—Third Floor, Gray Laboratory, Lombard and Greene Streets.
Biological Chemistry Laboratory—Third Floor, Dental Building, Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets Rooms indicated on Second Floor.
*Neural Anatomy after April 9, 1927.

SECOND YEAR SCHEDULE—First Semester, 1926-1927

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9 to 10	Biological Chemistry C. H.	Laboratory Biological Chemistry Section B Physiology Section A	Physiology A. H.	Laboratory Biological Chemistry Section A Pharmacology Section B	Biological Chemistry C. H.	
10 to 11	Physiology C. H.		Biological Chemistry A. H.		Pharmacology C. H.	Physiology A. H.
11 to 12	Pathology C. H.		Pharmacology A. H.		Pathology C. H.	Pharmacology A. H.
12 M. to 12.30 P. M.	Lunch	Lunch and Transfer	Lunch and Transfer	Surgery C. H.	Surgery C. H.	
P. M. 12.30 to 1		Laboratory Immunology & Serology P. & S. 32	Laboratory Immunology & Serology P. & S. 32			
1 to 1.30	Laboratory Pharmacology Section A Physiology Section B			Lunch and Transfer	Lunch and Transfer	
1.30 to 2.30				Medicine P. & S. 33	Immunology & Serology P. & S. 34	
2.30 to 3.30				Laboratory & P. & S. 33 Surgical Anatomy	Laboratory & P. & S. 33 Surgical Anatory	
3.30 to 4		Laboratory P. & S. Surgical Anatomy	Laboratory P. & S. Surgical Anatomy			
4 to 5.30						

SECOND YEAR SCHEDULE—Second Semester, 1926-1927

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Biological Chemistry C. H.	Laboratory Biological Chemistry Section B Physiology Section A	Physiology A. H.	Laboratory Biological Chemistry Section A Pharmacology Section B	Biological Chemistry C. H.	
9.30 to 10.30	Physiology C. H.		Biological Chemistry A. H.		Pharmacology C. H.	
10.30 to 11.30	Pathology C. H.		Pharmacology A. H.		Pathology C. H.	Physiology A. H.
11.30 to 12.00	Lunch	Lunch	Lunch	Lunch	Lunch	Pharmacology A. H.
P. M. 12 to 1	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Medical Clinic Amp.
1 to 2						
2 to 3	Laboratory Pharmacology Section A	Laboratory Pharmacology Section A Physiology Section B	Physical Diagnosis Univ. Hosp. Disp.	Laboratory Pharmacology Section B Physiology Section A	Laboratory Pharmacology Section B	
3 to 4						
4 to 5						

A. H.—Anatomical Hall, Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall—Lower Hall, N. E. Cor. Lombard and Greene Streets.
Laboratories:
Biological Chemistry—Third Floor, Dental Building, Lombar dand Greene Streets.
Pathology—Third Floor, Dental Building, Lombard and Greene Streets.
Pharmacology—Second Floor, Gray Laboratory, Lombard and Greene Streets.
Physiology—First Floor, Gray Laboratory, Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital, S. W. Cor. Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second and Fourth Floors.

THIRD YEAR SCHEDULE

ours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
. M. .30 to 9.30	Therapeutics A. H.	Pathology C. H.	Medicine C. H.	Surgery C. H.	Pathology A. H.	Surgery C. H.
.30 to 10.30	Obstetrics A. H.	Surgery C. H.	Obstetrics C. H.	Medicine C. H.	Medicine A. H.	Therapeutics C. H.
.30 to P. M.	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch
to 2	Medical Clinic Amp.	Surgery C. H.	Neurology P. & S. 33	Gynecology P. & S. 34	1.15 to 4.15 Clinical Pathology Laboratory P. & S. 32	Transfer
15 to 3.15	Pathology Laboratory	Pathology Laboratory	2.30-4.30 Section A Clinical Medicine Surgery Gross Pathology at Bay View	*2 to 3.15 Eye P. & S. 34		2-4 Section B Clinical Medicine Surgery Gross Pathology at Bay View
15 to 4.15				Clinical Pathology P. & S. 34		
4.15 to 5.15	Pediatrics A. H.	*Obstetrics C. H. **Ear C. H.	2.15-4.15 Section B Group Work Ophthalmoscopy Practical Obstetrics Univ. Hosp.	Preventive Medicine Legal Medicine Mental Hygiene P. & S. 34	Preventive Medicine P. & S. 34	

rom 10.30 A. M. to 1.00 P. M. the class is divided into two sections, one section reporting at vert and Saratoga Streets, the other at Lombard and Greene Streets.
. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
mp.—Amphitheatre—University Hospital, S. W. Cor. Lombard and Greene Streets.
. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

t the beginning of the second semester Section "A" at Bay View on Saturdays, 2-4 P. M., and iversity Hospital on Wednesdays, 2.15-4.15 P. M.; Section "B" at Bay View on Wednesdays, -4.30 P. M.

* First Semester.

* Second Semester.

FOURTH YEAR SCHEDULE

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 11.00	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery
11.00 to 12.00	Orthopaedic Surgery **Univ.Sec.Amp.** **P. & S. Sec. 51**	**Medical Clinic** **Univ.Sec.Amp.** Surgical Pathology **P. & S. Sec. 40**	Clinical Pathological Conference **Univ. Sec. C.H.** **P. & S. Sec. 33**	Surgical Clinic **Univ.Sec.Amp.** **P. & S. Sec. 51**	Medical Clinic **Univ.Sec.Amp.** **P. & S. Sec. 33**	**Pediatrics Clinic** **Univ.Sec.Amp.** **P. & S. Sec. 33**
P. M. 12 to 2	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary
2.15 to 3.15	Dermatology Clinic (Full Class at Univ. Hosp.) Amp.	Neurology Clinic **Univ.Sec.Amp.** **P. & S. Sec. 33**	Eye and Ear Clinic (Full Class at Univ. Hosp.) Amp.	Obstetrical Clinic (Full Class at Univ. Hosp.) Amp.	Gastro-Enterology Clinic (Full Class at Univ. Hosp.) Amp.	Genito-Urinary Clinic P. & S. Sec. 51
3.30 to 5.00	P. & S. Sec. Ward Classes Medicine **Urology** **Eye and Ear**	Ward Classes Therapeutics Proctology Radiotheraphy	P. & S. Sec. Ward Classes Medicine Roentgenology Preventive Medicine	Ward Classes Medicine Nose & Throat Physical Therapeutics	Ward Classes Orthopaedic Surgery Neurology Psychiatry	
3.30 to 5.00	**Univ. Sec.** Ward Classes Medicine Urology		Univ. Sec. Ward Classes Medicine Roentgenology Eye and Ear	5 to 6 P. M. March, April and May History of Medicine C. H.		

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets, for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

FIRST SEMESTER	SECOND SEMESTER
1st period, Sept. 27 to Oct. 30.	1st period, Jan. 24 to Feb. 26.
2nd period, Nov. 1 to Dec. 4.	2nd period, Feb. 28 to Apr. 9.
3rd period, Dec. 6 to Jan. 22.	3rd period, Apr. 11 to May 14.

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital.
P. & S., 33, 34—Second Floor, Calvert and Saratoga Streets.
P. & S., 40, 51—Fourth Floor, Calvert and Saratoga Streets.

REQUIREMENTS FOR MATRICULATION

Admission to the course in medicine is by a completed Medical Student Certificate issued by the Registrar of the University of Maryland. This certificate is obtained from the Registrar on the basis of satisfactory educational credentials, and is essential for admission to any class.

The requirements for the issuance of the Medical Student Certificate are:

(a) The completion of a standard four-year high school course or the equivalent, and in addition, at least

(b) Two years or sixty semester hours of college credits, including chemistry, biology, physics and English.

Women are admitted to the School of Medicine of this University.

(A) HIGH SCHOOL REQUIREMENTS.

Graduation from an accredited high or preparatory school after pursuing a four-year course based upon an eight-year elementary course or its full equivalent as demonstrated by entrance examinations.

At least fifteen units must be offered‡

SCHEDULE OF SUBJECTS REQUIRED OR ACCEPTED FOR ENTRANCE TO THE PRE-MEDICAL COLLEGE COURSE

Subjects	Units*	Required
GROUP I, ENGLISH—		
Literature and Composition	3-4	3
GROUP II, FOREIGN LANGUAGES—		
Latin	1-4	2†
Greek	1-3	
French or German	1-4	
Other foreign languages	1-4	

Group III, Mathematics—		
Elementary algebra	1	1
Advanced algebra	½-1	.....
Plane geometry	1	1
Solid geometry	½	.....
Trigonometry	½	.....
Group IV, History—		
Ancient history	1	1
Medieval and modern history	1	
English history	1	
American history	½-1	
Civil government	½-1	
Group V, Science—		
Botany	½-1	1
Zoology	½-1	
Chemistry	1	
Physics	1	
Physiography	½-1	
Physiology	½-1	
Astronomy	½	
Geology	½-1	
Group VI, Miscellaneous—		
Agriculture	1-2	.....
Bookkeeping	½-1	.....
Business law	½	.....
Commercial geography	½-1	.....
Domestic science	1-2	.....
Drawing, freehand and mechanical	½-2	.....
Economics and economic history	½-1	.....
Manual training	1-2	.....
Music: Appreciation or harmony	1-2	.....

*A unit is the credit value of at least thirty-six weeks' work of four or five recitation periods per week, each recitation period to be not less than forty minutes. In other words, a unit represents a year's study in any subject in a secondary school constituting approximately a quarter of a full year's work. A satisfactory year's work in any subject cannot be accomplished under ordinary circumstances in less than 120 sixty-minute hours, or their equivalent.

†Both of the required units of foreign language must be of the same language, but the two units may be presented in any one of the languages specified.

‡Of the fifteen units of high school work, nine units are required, as indicated in the foregoing schedule; the remainder may be made up from any of the other subjects in the schedule, provided that at least eleven units must be offered in Groupe I-V.

(B) DETAILS OF THE COLLEGE REQUIREMENT.

a. The preliminary college course shall extend through two college sessions of at least thirty-two weeks each of actual instruction, including final examinations.

b. In excellence of teaching and in content, the work of this preliminary college course shall be equal to the work done in the freshman and sophomore years in standard colleges and universities.

c. This preliminary college course shall include courses in physics, chemistry, biology, and English, each course to embrace at least six, eight or twelve hours of work in each subject, as shown in the schedule following.

SCHEDULE OF SUBJECTS OF THE TWO-YEAR PRE-MEDICAL COLLEGE COURSE.

Sixty Semester Hours Required

REQUIRED COURSES:	*Semester Hours*
Chemistry (a)	12
Physics (b)	8
Biology (c)	8
English Composition and Literature (d)	6

COURSES STRONGLY URGED:

A modern foreign language.
Comparative vertebrate anatomy.
Psychology.
Social science.

A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be of not less than fifty minutes' duration net, at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

(a) CHEMISTRY. Twelve semester hours required, of which at least eight semester hours must be in general inorganic chemistry, including four semester hours of laboratory work. In the interpretation of this rule, work in qualitative analysis may be counted as general inorganic chemistry. The remaining four semester hours required shall consist of work in organic chemistry.

(b) PHYSICS. Eight semester hours required, of which at least two must be laboratory work. This course presupposes a knowledge of plane trigonometry.

(c) BIOLOGY. Eight semester hours required, of which four must be laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology, or by courses of four semester hours each in zoology and botany, but not by botany alone.

(d) ENGLISH COMPOSITION AND LITERATURE. The usual introductory college course of six semester hours, or its equivalent, is required.

COMBINED COURSE IN ARTS AND MEDICINE.

A combined seven years' curriculum is offered, leading to the degrees of Bachelor of Science and Doctor of Medicine. The first three years are taken in residence at College Park, and the last four years in Baltimore, at the School of Medicine. The premedical curriculum constitutes the first two years' work and the third year follows a general outline of prescribed and elective courses approved by the chairman of the premedical committee and the dean of the College of Arts and Sciences.

Upon the successful completion of the first year in the School of Medicine, and upon the recommendation of the dean, the degree of Bachelor of Science may be conferred by the College of Arts and Sciences at College Park.

Students are urged to consider carefully the advantages this combination course offers over the minimum requirements of the two years. By completing three years the training may be gradually broadened by a wider latitude in the election of courses in the arts subjects.

POST-GRADUATE STUDENTS.

Graduates in medicine desiring to take the work of the senior year without being candidates for the degree and, therefore, without examination, may receive a certificate of attendance on completing the full course satisfactorily.

The requirements for graduates in medicine admitted to the fourth year class as candidates for the degree of Doctor of Medicine are the same as those enforced against undergraduates admitted to advanced standing.

Summer Post-Graduate Courses—In the April number of the Bulletin detailed announcement will be made of the Postgraduate Summer Courses.

RULES.

1. All students are required to take the spring examinations unless excused by the Dean. No student will be permitted to advance from a lower to a higher class with conditions.

2. Should a student be required to repeat any year in the course he must pay regular fees.

3. A student failing in final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and to take examination in such other branches as may be required, should he be again permitted to enter the school as a candidate for graduation.

4. The general fitness of a candidate for graduation will be taken into consideration by the Faculty as well as the results of his examination.

5. All students entering the School of Medicine of the University of Maryland are required to provide themselves with microscopes of a satisfactory type.

A standard microscope of either Bausch & Lomb, Leitz, Spencer Lens or Zeiss make, fitted with the following attachments, will fill the requirements:

Triple nose piece.
Wide aperture stage.
Quick screw condenser (Abbe).
10 x and 5 x Oculars.
16mm. and 4mm. Objectives.
1.9mm. 1.25 N.A. Oil Immersion Lens.

All the above rules, as well as the fees stated below, relate to the year ending June 5, 1927, only. The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the Faculty deem it expedient.

FEES.

Matriculation fee (paid once)	$10.00
Tuition fee (each year) for residents of Maryland	250.00
Tuition fee (each year) for non-residents	350.00
Laboratory fee (each year)	20.00
Special and re-examination fee	5.00
Graduation fee	10.00

No fees are returnable.

The above fees apply to all students who matriculate in this institution in any class for the session beginning September 27, 1926.

All students, after proper certification, are required to register at the Registrar's office. The last date of registration is October 4, 1926.

Matriculation, laboratory and tuition fees for the first semester shall be paid at the time of registration, and for the second semester on or before February 6th, 1927.

Failure to meet these conditions will automatically debar the student from attendance on classes and other privileges of the University.

Students who fail to pay the tuition and other fees, on or before the last day of registration, for each term or semester, as stated in the catalogue, will be required to pay as an addition to the fees required the sum of Five ($5.00) Dollars and if the payment so required shall not be paid before twenty (20) days from the beginning of said term or semester, the student's name shall be stricken from the rolls.

Students who are minors are considered to be resident students, if at the time of their registration, their parents or guardians have been residents of this state for at least one year.

Adult students are considered to be resident students, if at the time of their first registration they have been residents of this state for at least one year.

The status of the residence of a student is determined at the time of his first registration in the University and may not thereafter be changed by him unless his parents or guardians move to and become legal residents of this State.

PRIZES AND SCHOLARSHIPS.

FACULTY PRIZE.

To stimulate study among the candidates for graduation, the Faculty offers a Gold Medal to the candidate who secures the highest average during the four years of his course. Certificates of Honor are awarded to the five candidates standing next highest.

DR. JOSE L. HIRSH MEMORIAL PRIZE.

A prize of $50.00 is given each year by Mrs. David Myers as a memorial to the late Dr. Jose L. Hirsh, formerly Professor of Pathology in this School, to the student in the third year who has done the most satisfactory work in Pathology during his second and third years.

SCHOLARSHIPS.

The Dr. Samuel Leon Frank Scholarship.

(Value $125.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this University.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Medical Council, "to a medical student of the University of Maryland, who, in the judgment of said Faculty, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school, and no student may hold such scholarship for more than two years.

The Charles M. Hitchcock Scholarships.

(Value, $125.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the University.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University upon nomination by the Medical Council to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Faculty satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

The Randolph Winslow Scholarship.

(Value, $125.00)

This scholarship was established by Prof. Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Medical Council, to "a needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Medical Council that he is worthy of and in need of assistance."

The Dr. Leo Karlinsky Scholarship.

(Value, $200.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of this University.

The scholarship is awarded to a second year student who at the end of the first year passes the best examination in Anatomy, Histology, Embryology and Bacteriology.

The University Scholarships.

Two scholarships are awarded by the University. One to a student of the College of Arts and Sciences appointed by the President, to be held for only one year; the other, which entitles the holder to exemption from payment of the tuition fee of the year, is awarded annually by the Medical Council to a student of the Senior Class who presents to the Medical Council satisfactory evidence that he is of good moral character and is worthy of and in need of assistance to complete the course.

Frederica Gehrmann Scholarship.

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and entitles the holder to exemption from payment of tuition fees. The scholarship is awarded to a third year student who at the end of the second year passes the best practical examination in Anatomy, Physiology, Biological Chemistry, Pharmacology, Pathology, Immunology and Serology.

The Clarence and Genevra Warfield Scholarships.

(Valuation, $300.00 each)

There are five scholarships established by the Regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships will be available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited or in a county selected by the Council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the council, the money advanced by the

Regents shall be refunded. A bond in the amount of $1,200, the expense of which is borne by the Fund, must be filed by the student accepting one of these scholarships for faithful performance of the conditions imposed.

Israel and Cecilia E. Cohen Scholarship.

(Value, $250.00)

This scholarship was established by Miss Eleanor S. Cohen in memory of her parents, Israel and Cecilia E. Cohen. Terms and conditions:

This scholarship will be available to students of any one of the classes of the course in Medicine; preference is given to students of the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the Council.

ANNUAL HOSPITAL APPOINTMENTS.

On February first of each session the following annual appointments are made from among the graduates of the school:

TO THE UNIVERSITY HOSPITAL

Two Resident Surgeons.
Two Resident Physicians.
One Resident Gynecologist.
Two Resident Obstetricians.
Thirteen Junior Residents on a Rotating Service.

A number of students are appointed each year, at the close of the session, as Clinical Assistants in the University Hospital for the summer months.

TO THE MERCY HOSPITAL

Chief Resident Physician.
One Assistant Resident Physician.
Chief Resident Surgeon.
Five Assistant Resident Surgeons.
One Resident Gynecologist.
One Resident Obstetrician.
Eight Junior Residents on a Rotating Service.

NOTICE TO STUDENTS.

The personal expenses of the students are at least as low in Baltimore as in any large city in the United States. The following estimates of a student's personal expenses for the academic year of eight months have been prepared by students, and are based upon actual experience.

Items	*Low*	*Average*	*Liberal*
Books	$27	48	75
College Incidentals	20	20	20
Board, eight months	200	250	275
Room rent	64	80	100
Clothing and laundry	50	80	150
All other expenses	25	50	75
Total	$386	$529	$695

Students will save time and expense upon their arrival in the city by going direct to the School of Medicine on the University grounds, N. E. corner of Lombard and Greene Streets, where the Superintendent of Buildings, who may be found at his office on the premises, will furnish them with a list of comfortable and convenient boarding houses suitable to their means and wishes.

The Dean will, if desired, attend to the collection of checks and drafts for students.

For further information, apply to

J. M. H. Rowland, M. D., *Dean*,

Lombard and Greene Streets.

MATRICULATES, UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS, 1925-26.

FOURTH YEAR CLASS.

Anker, Harry	Ohio
Askin, John A., A.B.	Maryland
Ballard, Margaret Byrnside	West Virginia
Beachley, Jack Henson	Maryland
Blough, Homer Chester, B.S.	Pennsylvania
Bronstein, Irving	New York
Calvin, Warren Elwood, B.S.	Maryland
D'Angelo, Antonio Francesco	Rhode Island
DeVincentis, Henry	New Jersey
Diamond, H. Elias, B.S.	New York
DiPaula, Frank Rosario, A.B.	Maryland
Dyer, Newman Houghton, B.S.,	West Virginia
Eanet, Paul	Maryland
Edmonds, Charles William	Maryland
Elliott, Julian Carr, A.B.	Virginia
England, Welch, B.S.	West Virginia
*Finkelstein, Abraham Harry	New York
Freedman, Herman	New Jersey
Freedman, Max	New Jersey
Freuder, Arthur Nathan	New York
Geraghty, Francis Joseph, A.B.	Maryland
Gerber, Isadore Earle, A.B.	Maryland
Gordon, Abel, A.B.	New Jersey
Gorham, Herbert Jenkins	North Carolina
Graham, John Wirt, A.B.	Maryland
Helfond, David Mathew, B.S.	New York
Hendrix, Nevins Byford, A.M.	Maryland
Hibbitts, John Thomas	Maryland
Hyman, Calvin, A.B.	Maryland
Jensen, Jacob Roed, B.S.	Denmark
Johnson, Philip, B.S.	West Virginia
Jolson, Meyer Stanley, A.B.	Maryland
Knapp, Alphonse Joseph, A.B.	Maryland
Krosnoff, John Alexander, B.S.,	Pennsylvania
Lavy, Louis Theodore	Maryland
Leake, Everette Majjette	North Carolina
Levin, H. Edmund, B.S.	Maryland
Levin, Isadore Leonard, A.B.	Ohio
Levin, Joseph	New Jersey
Loftin, William Frank English, A.B.,	North Carolina
Lumpkin, Lloyd Uber, B.S.	Maryland
Lusby, Frank Farrier, A.B.	Maryland
Manginelli, Emanuel Alfred	New York
Merkel, Walter Clarence, A.B.,	Pennsylvania
Miller, Harry G.	New York
Moriconi, Albert Francis	New Jersey
Polsue, William Clewell	West Virginia
Rattenni, Arthur	Rhode Island
Rosenberg, Albert Abraham	Pennsylvania
Rosenfeld, Max Harry, A.B.	Maryland
Rothberg, Abraham S., B.S.	New York
Sashin, David	New York
Sax, Benjamin J.	New York
Schenker, Paul	Maryland
Schmukler, Jacob	New Jersey
Schneider, David, A.B.	Maryland
Schuman, William, A.B.	Maryland
Schwartz, Ralph Alfred	New Jersey
Scullion, Arthur Anthony, B.S.,	New Jersey
Sherman, Elizabeth Bowman, A.B.,	Virginia
Spano, Frank	New Jersey
Tayntor, Lewis Olds, Ph. C.	Pennsylvania
Teagarden, Ersie Van, B.S.	West Virginia
Teitelbaum, Maurice L.	New York
Tobias, Herbert Ramsay	Maryland
Trubek, Max, A.B.	New Jersey
Weinstein, Samuel	New Jersey
Weiss, Louis Leo	New York
Weseley, Louis Jerome	New York
Whicker, Guy Lorraine, A.B.,	North Carolina
Wolfe, Samuel Benjamin	Maryland

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*Did not complete year.

THIRD YEAR CLASS, 1925-26.

Adzima, Joseph Matthew	Connecticut
Aptaker, Albert Jack	New York
Armacost, Joshua Harper	Maryland
Ball, Claude Russell, B.S.	West Virginia
Bankhead, John Marion, B.S.,	South Carolina
Barnett, Edwin Dwight, A.B.	California
Basil, George Chester, Ph.G.	Maryland
Belsky, Hyman	New York
Benesunes, Joseph George, A.B.	Maryland
Bialostosky, Julius, B.S.	New York
Birnbaum, Joseph Osias	New York
Cadden, John Francis, Jr.	West Virginia
Carey, Thomas Nelson	Maryland
Chase, William Wiley, A.B.	Maryland
Clemson, Earle Princeton	Maryland
Cohen, Bernard J., Ph.G.	Maryland
Cohen, Morris Daniel	New York
Condry, Raphael Joseph, B.S.,	West Virginia
Covington, Elijah Eugene	North Carolina
Davis, Henry Vincent	Maryland
Donchi, Sol Marvin, B.S.	New Jersey
Eliason, Harold William	West Virginia
Feldman, Jacob	New York
Fidler, Kemp Ardvern, B.S.	West Virginia
Friedman, Meyer Henry	New Jersey
Garner, Wade Hampton, B.S.	Alabama
Gellar, Abraham, B.S.	New York
Gill, Charles Edward	Delaware
Gillis, Francis Winfred	Maryland
Ginsberg, Henry	Maryland
Glick, Bernard	New Jersey
Goldberg, Isidore	New Jersey
Goldstein, Milton Joseph	New York
Heisley, Rowland S.	Maryland
Hewitt, John Frank, A.B.	Maryland
Hoke, Dwight Moody, B.S.	West Virginia
Hummel, Ira Lee Cottrell	New Jersey
Igiitzin, Maurice Abraham	New York
Johnson, Jesse Raymond, B.S.,	West Virginia
Kahan, Philip J.	New York
Karns, Clyde Filmore, B.S.	Maryland
Kayser, Fayne Albert, B.S.	West Virginia
Klawans, Maurice Francis	Maryland
Kutner, Charles	New Jersey
Lassman, Samuel, B.S.	New York
Lazow, Sol M.	New York
Lenson, Byruth King (Mrs.)	Maryland
Leyko, Julius Joseph, A.B.	Maryland
Lilly, Goff Platt	West Virginia
Mattikow, Bernard, B.S.	New York
Milhoan, Asa Wade, B.S.	West Virginia
Misenheimer, Ed Alexander	North Carolina
Moran, John Edward, Ph.G.	Massachusetts
Morris, Francis Kailer, A.B.	Maryland
Nussbaum, Samuel	New York
Peake, Clarence William	Kentucky
Phillips, John Roberts, A.B.	Maryland
Reifschneider, Herbert E., A.B.	Maryland
Saffell, James Glen	Maryland
Schnierer, Samuel Benjamin	Connecticut
Schwedel, John Bernard	Maryland
Sparta, Anthony	Pennsylvania
Staton, Hilliard Vincent	North Carolina
Stonesifer, Charles Hiram, A.B.	Maryland
Strayer, Helen C., A.B.	Maryland
Swank, James Levy, B.S.	Pennsylvania
Swartzwelder, Wallace Ray	Pennsylvania
Talbot, Henry Pierce	Alabama
Tayloe, Gordon Bennett, A.B.,	North Carolina
Teague, Francis Bailey	Virginia
Thompson, Thomas Payne, A.B.	Maryland
Tollin, Louis	New Jersey
Totterdale, William Grainger, A.B.,	Maryland
Tumminello, Salvatore Anthony	Maryland
Upton, Hiram Eugene, B.S.	Vermont
Voigt, Herman Albert, Ph.G.	Maryland
Von Schulz, Augustine Paul	Maryland
Wack, Frederic Van Deursen, B.S.,	New Jersey
Waesche, Frederick Seton, A.B.	Maryland
Whittington, Claude Thomas,	North Carolina
Williams, Palmer Francis C., B.S.,	Maryland
Wilner, Joseph Walter	New York
*Wohlreich, Joseph Jacob	New Jersey
Wollak, Theodore	Maryland
Yarbrough, Oscar D.	Alabama
Zinn, Ralph Howard, B.S.	West Virginia

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*Did not complete year.

SECOND-YEAR CLASS, 1925-26.

Aiau, Chadwick Kanekoa	T. H.
Baer, Adolph	New York
Bedri, Marcel Rechtman	Palestine
Berger, William Adolph, B.S.	**New Jersey**
Bernard, Robert	New York
Blecherman, Irving Ezra	New York
Bonelli, Nicholas William	New Jersey
Brager, Simon	Maryland
Chor, Herman, A.B.	Maryland
Christian, William	Pennsylvania
Dailey, Cornelius Michael	Pennsylvania
Duckwall, Frederick Mooman	West Virginia
Friedman, Bernard	New York
Gaffney, Charles Bernard	Connecticut
Gaskins, Theodore Grady	North Carolina
Gelber, Jacob Saul	Rhode Island
*Gittleman, Isaac F.	Maryland
Goldberg, Victor, Ph.G.	Maryland
Goodman, Jerome Edward, Ph.G.	**Maryland**
Grollman, Aaron Isaac, B.S.	Maryland
*Guiglia, Sascha Facchetti	New York
Gulck, George Krohn, B.S.	Denmark
Gundry, Lewis Perkins, A.B.	Maryland
Hankin, Samuel Jacob	Maryland
Herold, Lewis Jacob, Ph.G.	New York
Johnson, Walter Brenaman, A.B.	Maryland
Jones, Henry Alvan, Ph.G.	Maryland
Kaminsky, Philip	New York
Kaufman, Israel, B.S.	New York
Kohn, Theodore, B.S.	South Carolina
Lampert, Hyman	New York
Lamstein, Jacob Irving, B.S.	New York
Laukaitis, Joseph George	Maryland
Lerner, Morris	New York
Levinsky, Maurice	Connecticut
Levinson, Louis Jack	New York
Levy, Walter Howard	New York
Limbach, Earl Frederick, A.B.	Ohio
Little, Luther Emmanuel, Ph.G.	Maryland
Littman, Irving I.	Maryland
Lyon, Isadore Bernard, A.B.	Maryland
Mace, John, Jr., B.S.	Maryland
Maddi, Vincent Michael, A.B.	New York
Maged, Abraham John, A.B.	New York
Matsumura, Junichi	T. H.
McCeney, Robert Sadler, A.B.	Maryland
McFaul, William Neal, Jr., A.B.	Maryland
McGowan, Joseph Francis	Pennsylvania
McKee, Albert Vincent	Pennsylvania
Meister, Aaron	New York
Merksamer, David, A.B.	New York
Merlino, Frank Anthony	New Jersey
Messina, Vincent Michael	Maryland
Mostwill, Ralph	New Jersey
Neuman, Finley Frederick, A.B.	Ohio
Parker, Joseph Wiley	North Carolina
Pegues, William Leak, A.B.,	South Carolina
Piacentine, Pasquale Anthony	New York
Pileggi, Peter	New Jersey
Postrel, Lewis Louis	New York
Rascoff, Henry	New York
Rich, Benjamin Sunderland, A.B.	Maryland
Roetling, Carl Paul	Maryland
Rosen, Marks Julius	New York
Rubinstein, Hyman Solomon, Ph.G.,	**Maryland**
Rutter, Joseph Howard	Florida
Saffron, Morris Harold, A.B.	New Jersey
Sardo, Samuel Philip	Pennsylvania
Silver, Abraham Alfred	Connecticut
Singer, Jack Jerome	Maryland
Smith, Lazarus	New York
Smoot, Aubrey Cannon, A.B.	Maryland
Smoot, Merrill Clayville, B.S.	Maryland
Stacy, Theodore Edwin, Jr., Ph.G.,	Pennsylvania
Tannenbaum, Morris, B.S.	New York
Taylor, Charles Vivian, A.B.	Maryland
Tenner, David, Ph.G.	Maryland
Tkach, Nathan Hersh	New York
Varney, William Henry	Maryland
Vernaglia, Anthony Paul Joseph	New York
Vogel, S. Zachary	New York
Volenick, Leo Joseph	New York
Walter, Frank Pierce	Maryland
Ward, Hugh Walter, A.B.	Maryland
Warner, Carroll Gardner, A.B.	Maryland
Weintraub, Fred Siegfried, B.S.,	Pennsylvania
Weiss, Aaron	New York
Weisenfeld, Nathan, B.S.	Connecticut
Wilkerson, Albert Russell, Ph.G.	Maryland
Wolf, Frederick Samuel	Maryland
Wurzel, Milton	New Jersey
Zimmerman, Frederick Thomas, A.B.,	Pennsylvania

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*Did not complete year.

FIRST YEAR CLASS, 1925-26.

Abramowitz, Max, B.S.	New York
Ackerman, Jacob Harold	New York
Agnelli, Junius Bruno	New York
Albaugh, Guy Clinton	Pennsylvania
Alessi, Silvio A., Ph. G.	Maryland
Anderson, Walter Anders	Maryland
*Arnes, Lawrence Gabriel	Pennsylvania
Bardfeld, Benjamin	New Jersey
Barland, Samuel, Jr., B.S.	New York
Birely, Morris Franklin, A.B.	Maryland
Bongiorno, Henry Domenic, Ph.G.,	New Jersey
Botsch, Bernard	Ohio
Bounds, James Albert	Maryland
Bowen, James Poore, B.S.	South Carolina
Brauer, Selig Leo	New Jersey
*Buchness, Joseph Vincent	Maryland
Buckler, Milburn Alexander, A.B.,	Maryland
Calas, Andres Eladio	Cuba
Chambers, Earl LeRoy	Maryland
Chapman, William Hardee	Maryland
Ciccone, Arnold William	Rhode Island
Cohen, Herman	New Jersey
Cohen, Jacob Harry, A.B.	Maryland
Cohen, Paul, A.B.	Maryland
*Cohen, Samuel	Pennsylvania
Connell, Raphael Joseph, B.S.	Pennsylvania
Coppola, Matthew Joseph, B.S.	New York
Corsello, Joseph Nicholas	New York
Dailey, William Paul	Pennsylvania
DeBarbieri, Fred Louis, A.B.	Pennsylvania
Draper, William Bateman	Maryland
Farbman, Meyer David, B.S.	New York
Fargo, William Russell, A.B.	Maryland
Fatt, Henry Charles, B.S.	New Jersey
Feingold, Charles	New York
Feit, Emanuel, B.S.	New York
Fifer, Jesse Showalter, A.B.	Delaware
Fiocco, Vincent James, B.S.	New York
*Freed, Israel, Ph.G.	Maryland
Garber, Jacob	New York
Giocolano, Ralph Gabriel	New York
Givner, David, A.B.	Maryland
Gouldman, Edwin Foster, B.S.	Virginia
*Greenberg, Abram Morton, Ph.G.,	Maryland
Haney, John James	New Jersey
Harris, Joseph William	Utah
*Hayes, Allen Milliken	Maine
Heck, Leroy S., B.S.	Maryland
Hess, Warren Albert	Pennsylvania
Horowitz, Morris, A.B.	Massachusetts
Husted, Samuel Harley	New Jersey
Jackson, Murray Elliot	New York
Jacobs, Abraham	New York
*Jacobs, Orville Edward	Maryland
*Jacobson, John Joseph	New Jersey
*Jennings, Robert Henry, A.B.,	South Carolina
Kelly, Clyde Ernest, A.B.	Pennsylvania
*Kemp, Alexander Brown	Maryland
Kerrigan, Timothy Robert	Pennsylvania
Kirschner, Abe Edward, A.B.	New York
Knight, Walter Philip	Pennsylvania
Leonard, Leo Frank, A.B.	Pennsylvania
Levi, Ernest, Ph.G.	Maryland
*Liner, Samuel Joseph	North Carolina
*Lowry, James Patrick	Pennsylvania
Lukesh, Stephen Michael	Pennsylvania
Lynn, Cy Kellie	North Carolina
Lynn, Irving, B.S.	New Jersey
Lynn, John Galloway, 3rd	Maryland
Magovern, Thomas Francis	New Jersey
McAndrew, Joseph Theodore	West Virginia
McGregor, Alpine Watson	Utah
Mednick, Benjamin William	New York
Meranski, Israel, B.S.	Connecticut
Morgan, Isaac J	Pennsylvania
Moseley, Edgar Tilton, A.B.	Maryland
Murphy, John Edward	Pennsylvania
Nagle, Carl Rotan	Maryland
*Nathanson, Nathan	Pennsylvania
Neidstadt, Isidore Irving. A.B.	Maryland
Newman, Saul Charles, B.S.	Connecticut
Nickman, Emanuel Harrison	New Jersey
O'Dea, John Francis, A.B.	New York
O'Donohue, Valentine Alphonsus	New York
Osborn, Adam Downey	New Jersey
Overton, Louis Marvin, A.B.	North Carolina
Penchansky, Samuel Joseph	New Jersey
*Petruzzi, Joseph Anthony	New York
Porterfield, Maurice Coleman	Maryland
Powell, Joseph Lawrence	Pennsylvania
Prager, Benjamin, B.S.	New York
Quinn, Thomas Francis	Pennsylvania
*Raffel, Leon	Maryland
*Rapp, Edgar Carl, B.S.	Connecticut
Reeder, Paul Arlington, B.S.	West Virginia
Reilly, John Vincent	New Jersey
Roberts, Eldred	Maryland
Safer, Jake Victor	Florida
Safford, Henry Towne, Jr.	Texas
Schreiber, Morris Bernard	New York
Schwartzbach, Saul, A.B.	New York
Seibel, Jack	New York
Sedja, Martin Benjamin	Pennsylvania
Sekerak, Raymond Andrew	Connecticut
Serra, Lawrence Marco, Ph.G.	Maryland
Sikorsky, Albert Edward, A.B.	Maryland
Silver, Mabel Irene, B.S.	Maryland
Snyder, Nathan, Ph.G.	Maryland

FIRST YEAR CLASS, 1925-26—(Continued)

Soifer, Albert Alexander	Maryland
Solomon, Milton, B.S.	New York
Speicher, Wilbur Glenn	Maryland
Spencer, Ernest	Maryland
Spurrier, Oliver Walter, A.B.	Maryland
Staton, Leon Raphael, A.B.	North Carolina
Stevenson, Charles Calvert	Utah
Stone, Jesse Edwin, A.B.	Maryland
Sullivan, William Joseph	Rhode Island
Ullrich, Henry Franz	Maryland
Vann, Homer King	Florida
Wallack, Charles Albert, B.S.	New Jersey
*Werner, Aaron Seth	New York
Yudkoff, William	New Jersey

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*Did not complete year.

GENERAL SUMMARY OF STUDENTS ATTENDING THE UNIVERSITY OF MARYLAND

SESSION OF 1925-1926.

College of Agriculture		208
Regular	129	
Short Courses	79	
College of Arts and Sciences		472
Regular	456	
Extension	16	
School of Business Administration		341
Regular	152	
Extension	189	
School of Dentistry		488
College of Education		231
Regular	118	
Extension	113	
College of Engineering		405
Regular	212	
Extension	193	
Graduate School		113
College of Home Economics		34
School of Law		596
School of Medicine		372
School of Nursing		76
School of Pharmacy		234
Summer School, 1925, College Park		454
Summer School, 1925, School of Business Administration		36
Total		4,060
Duplications		101
Net Total		3,959

GRADUATES OF UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS, JUNE 5, 1926.

Anker, Harry	Ohio
Askin, John A., A.B.	Maryland
Ballard, Margaret Byrnside	West Virginia
Beachley, Jack Henson	Maryland
Blough, Homer Chester, B.S.	Pennsylvania
Bronstein, Irving	New York
Calvin, Warren Elwood, B.S.	Maryland
D'Angelo, Antonio Francesco	Rhode Island
DeVincentis, Henry	New Jersey
Diamond, H. Elias, B.S.	New York
DiPaula, Frank Rosario, A.B.	Maryland
Dyer, Newman Houghton, B.S.,	West Virginia
Eanet, Paul	Maryland
Edmonds, Charles William	Maryland
Elliott, Julian Carr, A.B.	Virginia
England, Welch, B.S.	West Virginia
Freedman, Herman	New Jersey
Freedman, Max	New Jersey
Freuder, Arthur Nathan	New York
Geraghty, Francis Joseph, A.B.	Maryland
Gerber, Isadore Earle, A.B.	Maryland
Gordon, Abel, A.B.	New Jersey
Gorham, Herbert Jenkins	North Carolina
Graham, John Wirt, A.B.	Maryland
Helfond, David Mathew, B.S.	New York
Hendrix, Nevins Byford, A.M.	Maryland
Hibbitts, John Thomas	Maryland
Hyman, Calvin, A.B.	Maryland
Jensen, Jacob Roed, B.S.	Denmark
Johnson, Philip, B.S.	West Virginia
Jolson, Meyer Stanley, A.B.	Maryland
Knapp, Alphonse Joseph, A.B.	Maryland
Krosnoff, John Alexander, B.S.,	Pennsylvania
Lavy, Louis Theodore	Maryland
Leake, Everette Majjette	North Carolina
Levin, H. Edmund, B.S.	Maryland
Levin, Isadore Leonard, A.B.	Ohio
Levin, Joseph	New Jersey
Loftin, William Frank English, A.B.,	North Carolina
Lumpkin, Lloyd Uber, B.S.	Maryland
Lusby, Frank Farrier, A.B.	Maryland
Manginelli, Emanuel Alfred	New York
Merkel, Walter Clarence, A.B.,	Pennsylvania
Miller, Harry G.	New York
Moriconi, Albert Francis	New Jersey
Polsue, William Clewell	West Virginia
Rattenni, Arthur	Rhode Island
Rosenberg, Albert Abraham	Pennsylvania
Rosenfeld, Max Harry, A.B.	Maryland
Rothberg, Abraham S., B.S.	New York
Sashin, David	New York
Sax, Benjamin J.	New York
Schenker, Paul	Maryland
Schmukler, Jacob	New Jersey
Schneider, David, A.B.	Maryland
Schuman, William, A.B.	Maryland
Schwartz, Ralph Alfred	New Jersey
Scullion, Arthur Anthony, B.S.	New Jersey
Sherman, Elizabeth Bowman, A.B.,	Virginia
Spano, Frank	New Jersey
Tayntor, Lewis Olds, Ph.C.	Pennsylvania
Teagarden, Ersie Van, B.S.	West Virginia
Teitelbaum, Maurice L.	New York
Tobias, Herbert Ramsay	Maryland
Trubek, Max, A.B.	New Jersey
Weinstein, Samuel	New Jersey
Weiss, Louis Leo	New York
Weseley, Louis Jerome	New York
Whicker, Guy Lorraine, A.B.,	North Carolina
Wolfe, Samuel Benjamin	Maryland

Prizemen.

University Prize—Gold Medal—ELIZABETH BOWMAN SHERMAN, A.B.

Certificates of Honor.

SAMUEL B. WOLFE
CALVIN HYMAN, A.B.
FRANK FARRIER LUSBY, A.B.
JOHN A. ASKIN, A.B.
IRVING BRONSTEIN

In the third year, the Dr. Jose L. Hirsh Memorial Prize of $50.00 was awarded to Charles E. Gill for the best work in Pathology during the second and third years.

ALUMNI ASSOCIATION SCHOOL OF MEDICINE

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C. W. Maxson, M.D.

First Vice-President

J. Mason Hundley, Sr., M.D.

Second Vice-President

Frank Hines, M.D.

Third Vice-President

A. W. Gracie, M.D.

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Howard M. Bubert, M.D.

Assistant Secretary

Nathan Winslow, M.D.

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Necrologist

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A. E. Goldstein, M.D.
Everard Briscoe, M.D.
Paul Brown, M.D.

ENDOWMENT FUND.

The following constitute the Board of Trustees of this Fund:

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Robertson Griswold
Arthur M. Shipley, Sc.D., M.D.

This Board is incorporated by act of the Legislature of the State, its legal title being "The Trustees of the Endowment Fund of the University of Maryland," and is independent and self-perpetuating. Its powers are limited *to the expenditure of the interest derived from the fund,* which is to be applied in the discretion of the Board for the benefit of the University. Contributions, donations and bequests are solicited from Alumni and friends. They may be made to the general or University Fund, to the Medical Fund or to any other department of the University. If intended for the School of Medicine, they may be given to the general medical fund or to some special object, as building, research, library, pathology, hospital, publication, laboratories, gymnasium, scholarship, medal, prize, etc., in which case the wishes of the donor will be strictly regarded. Attention is invited to the "Charles Frick Research Fund," already established in memory of that distinguished investigator. Checks should be made payable to J. M. H. Rowland, Treas., Lombard and Greene Streets, Baltimore, Md.

FORMS OF DEVISE OR BEQUEST.

To School of Medicine.

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic..

(Here state amount or describe property.)

To Endowment Fund.

I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic......................

(Here state amount or describe property.)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING.

FACULTY AND INSTRUCTORS

Superintendent of Nurses and Director of School of Nursing
Annie Crighton, R.N.

Assistant Superintendent of Nurses
Frances M. Branley, R.N.

Instructor in Nursing
Isobel Zimmerman, R.N.

Instructor in Nursing and Supervisor of Wards
Louise L. Savage, R.N.

Assistant Instructor in Nursing and Supervisor of Wards
To be appointed.

Instructor in Surgical Technique for Nurses and Supervisor of Operation Pavilion
Elizabeth Aitkenhead, R.N.

Instructor in Dietetics
Miriam Connelly

Instructor in Massage
Edith Walton

Instructor in Social Service
Grace Pearson, R.N.

Lillie Hoke	Supervisor
Lena Townshend, R.N.	Supervisor, Nurses Home
Jane Moffatt, R.N.	Supervisor, Dispensary
Mabel Trevilian, R.N.	Head Nurse, Obstetrical Ward
Alice M. Bennett, R.N.	Head Nurse, Private Hall
Bertha Hoffman, R.N.	Head Nurse, Private Hall
Myrtle E. Nock	Head Nurse, Women's Ward
Helen Morgart, R.N.	Head Nurse, Men's Medical Ward
Elizabeth Cannon, R.N.	Head Nurse, Men's Surgical Ward
Ida Nagel, R.N.	Assistant in Operating Room
Viola May Cady, R.N.	Head Nurse, Children's Ward
Jane Scott, R.N.	Head Nurse, Accident Room
Miriam Coates, R.N.	Head Nurse, Men's Surgical Ward

LECTURERS FROM THE SCHOOL OF MEDICINE

Anatomy
C. L. Davis, M.D.

Physiology
A. H. Ryan, M.D.

Bacteriology
F. W. Hachtel, M.D.

Chemistry
Frank N. Ogden, M.D.

Materia Medica
W. H. Schultz, Ph.B., Ph.D.

Medicine
Maurice C. Pincoffs, M.D.
J. S. Hogan, M.D.
L. A. M. Krause, M.D.
V. L. Elliott, M.D.
C. Hampson Jones, M.D.

Pediatrics
Charles L. Summers, M.D.

Psychiatry
R. McClury Chapman, M.D.

Skin and Venereal Diseases
Harry M. Robinson, M.D.

Ophthalmology
Harry Friedenwald, M.D.

Otology
J. W. Downey, M.D.

Surgery
Joseph L. Holland, M.D.

Laryngology and Rhinology
E. A. Looper, M.D.

Gynecology
Hugh Brent, M.D.

Orthopaedic Surgery
R. Tunstall Taylor, M.D.

Obstetrics
L. H. Douglass, M.D.

Social Service
Special Lecturers

STUDENTS ENROLLED, 1925-1926

Seniors	19
Intermediates	17
Juniors and Preparatory	35
Total	71

GENERAL STATEMENT.

The University of Maryland School for Nurses was established in the year 1889.

Since that time it has been an integral part of the University Hospital, coming under the same government.

The school is non-sectarian, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 250 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing including experience in the operating room.

The school offers the student nurse unusual advantages in its opportunity for varied experience and in its thorough curriculum taught by best qualified instructors and members of the Medical Staff of the University.

Admission—Requirements: In order to become a candidate for admission to the Training School, application must be made in person or by letter, to the Superintendent of Nurses. An application by letter should be accompanied by a statement from a clergyman testifying to good moral character and from a physician certifying to sound health and unimpaired faculties. No person will be considered who is not in a good physical condition between the ages of 18 and 35. She must also show that she has a High School education or its equivalent. This is the minimum requirement, as women of superior education and culture are given preference provided they meet the requirements in other particulars.

The fitness of the applicant for the work and the propriety of dismissing or retaining her at the end of her term of probation, is left to the decision of the Superintendent of Nurses. Misconduct, disobedience, insubordination, inefficiency, or neglect of duty are causes for dismissal at any time by the Superintendent of Nurses, with the approval of the President of the University.

Time: Students are admitted in February, June and September.

HOURS ON DUTY: During the probation term the students are on duty not more than six hours daily. During the Junior, Intermediate and Senior years, the students are on eight hour day duty, with six hours on Sunday and Holidays, and ten hour night duty. The night duty periods are approximately two months each, with one day at the termination of each term for rest and recreation. The period of night duty is approximately five or six months during the three years.

SICKNESS: A physician is in attendance each day, and when ill all students are cared for gratuitously. The time lost through illness in excess of two weeks, during the three years must be made up. Should the authorities of the school decide that through the time lost the theoretical work as not been sufficiently covered to permit the student to continue in that year, it will be necessary for her to continue her work with the next class.

VACATIONS: Vacations are given between June and September. A period of three weeks is allowed the student at the completion of the first year and four weeks at the completion of the second year.

EXPENSE: A student receives her board, lodging and a reasonable amount of laundry from the date of entrance. During her period of probation she provides her own uniforms made in accordance with the hospital regulations. After being accepted as a student nurse she wears the uniform furnished by the hospital. The student is also provided with textbooks and in addition to this is paid five dollars ($5.00) a month. Her personal expenses during the course of instruction and training will depend entirely upon her individual habits and tastes.

GENERAL PLAN OF INSTRUCTION.

The course of instruction covers a period of three years.

JUNIOR YEAR.

First Term.

The Junior Year is divided into two periods. The first term is the preparatory period (4 months) and the second the junior term.

In the preparatory term the student is given practical instruction in:

I. The making of hospital and surgical supplies. The cost of hospital materials, apparatus and surgical instruments.

II. Household economics and the preparation of foods.

III. The hospital out-patients department and dispensary.

During this term the practical work is done under constant supervision, and teaching is given correlatively.

Excursions are made to markets, hygienic dairies, linen rooms, laundry and store room.

The maximum number of hours per week in formal instructions divided into laboratory and lecture periods is thirty hours and includes courses in Anatomy and Physiology, Dietetics, Materia Medica, Personal Hygiene, Drugs and Solutions, Household Economics, Short course in Ethics and History of Nursing.

At the close of the first half of Junior Year the students are required to pass satisfactorily both the written and oral tests, and failure to do so will be sufficient reason to terminate the course at this point.

SUBSEQUENT COURSE.

The course of instruction, in addition to the probationary period, occupies two and three-fourths years, and students are not accepted for a shorter period.

After entering the wards, the students are constantly engaged in practical work under the immediate supervision and direction of the head nurses and instructors.

JUNIOR YEAR.

Second Term.

During this period the students receive theoretical instruction in Massage, Bacteriology, General Surgery and Introductory Medicine. Practical instruction is received in the male and female, medical, surgical and children's wards.

INTERMEDIATE YEAR.

During this period the theoretical instruction includes Pediatrics, General Medicine, Infectious Diseases, Obstetrics, Gynecology and Orthopaedics. The practical work provides experience in the nursing of obstetrical and gynecological patients, in the operating rooms and the out-patient department.

SENIOR YEAR.

During this period the student receives short courses of lectures on subjects of special interest. This includes a consideration of the work of institutions of public and private charities, of settlements, and various branches of professional work in nursing.

Experience is given in executive and administration work to those showing exceptional ability in the Senior Year. With these students conferences are held on administration and teaching problems.

EXAMINATIONS: At the end of the first half year, students are examined in Anatomy, Physiology, Materia Medica, Dietetics and Hygiene. At the end of the first year in Surgery and Bacteriology.

During the second year they are examined in Urinalysis, Massage, Gynecology, General Medicine, Infectious Diseases, Obstetrics and Pediatrics. At the end of the third year the final examination in Nervous and Mental Diseases, Diseases of Special Senses, Venereal Diseases, Ethics and History of Nursing.

Examinations—which are both written and oral—include practical tests, and the standing of the student is based upon the general character of work throughout the year, as well as the results of the examinations. Students must pass all subjects before entering upon the work of the following year.

GRADUATION: The diploma of the School will be awarded to those who have completed satisfactorily the full term of three years and have passed successfully the final examinations.

SCHOLARSHIPS: One scholarship has been established by the Alumnae of the Training School. It entitles a nurse to six weeks course at Teachers College, New York. This scholarship is awarded at the close of the third year to the student whose work has been of the highest excellence, and who desires to pursue post-graduate study and special work.

An Alumnae Pin is presented by the Women's Auxiliary Board to the student who at the completion of three years shows exceptional executive ability.

GRADUATES, 1926.

Allen, Naomi	Delaware
Bond, Mildred	Maryland
Coates, Marian	Maryland
Caples, Virginia	Maryland
Colbourne, Elizabeth	Maryland
Diehl, Sara	Pennsylvania
Eiker, Maybelle	Maryland
Ewell, Elizabeth	Maryland
Fink, Margaret	Maryland
Glover, Rebekah	Maryland
Hershey, Esther	Pennsylvania
Hurlock, Edna	Maryland
Mundy, Fannie	South Carolina
Parks, Colgate	Maryland
Powell, Marion	Maryland
Sperber, Elsie	Maryland
Sperber, Theodora	Maryland
Shoultz, Carol	Indiana
Scott, Elizabeth	Maryland

FIVE YEAR PROGRAM.

In addition to the regular three-year course of training the University offers a combined Academic and Nursing program leading to the degree of Bachelor of Science and a Diploma in Nursing.

The first two years of the course (or pre-hospital period), consisting of 70 semester hours, are spent in the College of Arts and Sciences of the University, during which period the student has an introduction to the general cultural subjects which are considered fundamental in any college training. At least the latter of these two years must be spent in residence at College Park in order that the student may have her share in the social and cultural activities of college life. The last three years are spent in the School of Nursing in Baltimore. In the fifth year of the combined program certain elective courses such as Public Health Nursing, Nursing Education, Practical Sociology and Educational Psychology are arranged.

TWO-YEAR PROGRAM IN THE COLLEGE OF ARTS AND SCIENCES.

Freshmen Year.

	Semester I	Semester II
English Composition and Rhetoric (Eng. 101)	3	3
Foreign Language	4-3	4-3
General Chemistry (Chem. 101)	4	4
Elements of Social Science (Soc. Sci. 101)	3	3
Elementary Foods (H. E. 101)	3	3
Physical Education	1	1
	18	18

Sophomore Year.

English Literature or History	3	3
Organic and Food Chemistry	3	
Nutrition		3
General Economics (Econ. 105)	3	
Elements of Psychology (Psych. 101)		3
Gen. Zoology (Zool. 101)	4	
Public Speaking (P. S. 101-102)	1	1
Physical Education (Phys. Ed. 102)	2	2
Electives	1	5
	17	17

MERCY HOSPITAL SCHOOL OF NURSING.

The Mercy Hospital School of Nursing was organized and incorporated under the laws of the State of Maryland in 1899 and has operated successfully for a quarter of a century.

The course of study is three years, during which time the Superintendent of the School assigns each pupil for definite periods to the various wards and services. Such practical training under skilled supervisors best applies the *science* and most adequately teaches the *art* of nursing. The course of study is modified and revised year by year, always with the idea of improvement. In schools of nursing, as in all other professional schools, changes are necessary, for to stand still is to retrograde. Each year new subjects are introduced or old ones are taught in new and more attractive ways. The curriculum embraces a preliminary period of four months, a junior term of eight months, an intermediate term of twelve months and a serior term of twelve months.

Mercy Hospital being attached to the Medical School of the University of Maryland, its nurses enjoy the exceptional advantage of systematic courses of lectures covering every department of nursing. These lectures, given by professors who are masters of their subjects, are made to co-ordinate with the school curriculum, thus giving the student nurse a thorough knowledge of her profession.

REQUIREMENTS FOR ADMISSION.

Applications for admission to the School of Nursing should be addressed to Superintendent of Nurses, Mercy Hospital, Baltimore, Md.

Requirements: Highest moral standard, intelligence, health, high-school education. Social references and letters from pastors and physicians are also required.

The course comprises three years of theory and practice. After four months' probation, candidates, if they possess the necessary qualifications, are admitted to the School proper, receiving Ten Dollars per month; their education being considered their compensation. Board, laundry, etc., furnished by the institution.

Four weeks before admission, candidates should forward $35.00 and measurements for uniforms and aprons, which will be in readiness on their arrival. No orders will be considered until this amount is received. These uniforms are worn throughout entire course, thus obviating additional expense after the probationary term expires. All clothing should be distinctly marked with names, Style No. 28, which may be procured from Woven Name Tape Co., Winstead, Conn. On admission, $10.00 is deposited on account of books.

Hours of duty: 7 A. M. to 7 P. M., with three hours off and one hour for meals, making an eight-hour system, one afternoon every week, and two weeks' vacation annually.

If nurses desire to remain out after 9:30 P. M. permission must be secured from the Superintendent. Late permission until 11:30 P. M. may be obtained once every two weeks, from June to September, and once a month from September to June. No visitors allowed except when off duty.

The right is reserved to dismiss pupils for any cause that may be deemed sufficient by the Superintendent of Nurses.

Dentistry should be attended to prior to entrance. Candidates should come provided with watch with second hand, fountain pen, scissors and comfortable shoes with rubber heels not too high; plain underwear, soap, towels, three laundry bags, shoe case and napkin ring.

Address baggage to Nurses' Home, Mercy Hospital, Pleasant and Calvert Streets, Baltimore, Md.

GRADUATES OF 1926.

ELIZABETH STOKES
LOIS MAY
ROBERTA ELLIOT
EDITH SCHLICKER
MARY MARKER
MERLE STRONG
MARIE MILLER
MATILDA WHITE
MARY CALLAHAN
HELEN SLAYBAUGH
KATHERINE BRADY
CATHERINE RENEHAN
MILDRED GARDINER
MIRIAM REITER
ELEANOR BEHR
ELIZABETH KLENOTIZ
LORETTA KILMER
KATHRYN AUSTIN
ANNE A. ROGERS
MARION KITTLE
NAOMIA OSTENDORF
MARY SNEERINGER
ROMANIE HAGERMAN
SR. M. STANISLAUS PARSONS
SR. M. JOSEPH BYRNE
MARGARET SHAW
MILDRED DAVIS
HELEN JENKINS

VOL. XII JULY, 1927 No. 1

BULLETIN

OF THE

SCHOOL OF MEDICINE

UNIVERSITY OF MARYLAND

PART TWO
CATALOGUE SUPPLEMENT
SESSION 1927-1928

PUBLISHED FOUR TIMES A YEAR
JANUARY, APRIL, JULY AND OCTOBER
LOMBARD AND GREENE STREETS
BALTIMORE, MD.

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BULLETIN

OF THE

University of Maryland School of Medicine

AND

College of Physicians and Surgeons

Successor to THE HOSPITAL BULLETIN of the University of Maryland, BALTIMORE MEDICAL COLLEGE NEWS, and the JOURNAL of the Alumni Association of the College of Physicians and Surgeons.

VOL. XII **JULY, 1927** **No. 1**

ANNUAL ANNOUNCEMENT

SESSION 1927-1928

BALTIMORE SCHOOLS (PROFESSIONAL GROUP)
CALENDAR, 1927-1928

FIRST SEMESTER

1927

September 19—Registration begins.

September 26—Instruction begins with the first scheduled period.

October 3—Last day to register without paying fine of $5.00.

November 11—Holiday (Armistice Day).

November 23—Thanksgiving recess begins after the last scheduled period.

November 28—Instruction resumed with the first scheduled period.

December 21—Christmas recess begins after the last scheduled period.

1928

January 3—Instruction resumed with the first scheduled period.

January 16—Registration begins for second semester.

SECOND SEMESTER

January 30—Instruction begins with the first scheduled period.

February 4—Last day to register without paying fine of $5.00.

February 22—Holiday (Washington's Birthday).

April 5—Easter recess begins after the last scheduled period.

April 10—Instruction resumed with the first scheduled period.

June 2—Commencement Day.

THE UNIVERSITY OF MARYLAND

Control of the University of Maryland is vested in a Board of nine Regents, appointed by the Governor and confirmed by the Senate for terms of nine years each. The general administration of the University is vested in the President. The University Council is an advisory body, composed of the President, the Assistant to the President, the Director of the Agricultural Experiment Station, the Director of the Extension Service, and the Deans. The University Council acts upon all matters having relation to the University as a whole, or to cooperative work between the constituent groups. Each school has its own Faculty Council, composed of the Dean and members of its Faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organization:

The College of Agriculture,
The College of Engineering,
The College of Arts and Sciences,
The School of Medicine.
The School of Law,
The School of Dentistry,
The School of Pharmacy,
The College of Education,
The College of Home Economics,
The Graduate School,
The Summer School,
The Department of Physical Education and Recreation.

The Schools of Medicine, Law, Dentistry and Pharmacy are located in Baltimore; the others in College Park, Maryland.

BOARD OF REGENTS
OF THE
UNIVERSITY OF MARYLAND

Samuel M. Shoemaker, Esq., *Chairman*	Term expires 1933
Robert Crain, Esq.	Term expires 1933
John M. Dennis, Esq., *Treasurer*	Term expires 1932
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President and Executive Officer

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Thomas B. Symons, M.S., D.Agr.	Director of Extension Service
J. Ben Robinson, D.D.S., F.A.C.D.	Dean of the School of Dentistry

UNIVERSITY OF MARYLAND
SCHOOL OF MEDICINE
AND
COLLEGE OF PHYSICIANS AND SURGEONS

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Frank Dyer Sanger, M.D.	Rhinology and Laryngology

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John Ruhrah, M.D., Professor of Pediatrics.
Charles F. Blake, A.M., M.D., Professor of Proctology.
S. Griffith Davis, A.B., M.D., Professor of Anaesthesia.

G. CARROLL LOCKARD, M.D., Professor of Clinical Medicine.
CHARLES E. BRACK, Ph.G., M.D., Professor of Clinical Obstetrics.
HARVEY G. BECK, M.D., Sc.D., Professor of Clinical Medicine.
ALBERTUS COTTON, A. M., M.D., Professor of Orthopaedic Surgery and Roentgenology.
ANDREW C. GILLIS, A.M., M.D., LL.D., Professor of Neurology.
JOSEPH H. BRANHAM, M.D., Professor of Clinical Surgery.
BERNARD PURCELL MUSE, M.D., Professor of Clinical Obstetrics.
CHARLES L. SUMMERS, M.D., Professor of Pediatrics.
ANTON G. RYTINA, A.B., M.D., Professor of Genito-Urinary Diseases.
HENRY J. WALTON, M.D., Professor of Roentgenology.
R. M. CHAPMAN, M.D., Professor of Psychiatry.
JOHN RATHBONE OLIVER, A.B., M.D., Ph.D., Professor of the History of Medicine.
L. H. DOUGLASS, M.D., Professor of Clinical Obstetrics.
EDGAR B. FRIEDENWALD, M.D., Professor of Clinical Pediatrics.
NATHAN WINSLOW, A.M., M.D., Clinical Professor of Surgery.
PAGE EDMUNDS, M.D., Clinical Professor of Industrial Surgery.
WALTER D. WISE, M.D., Clinical Professor of Surgery.
COMPTON RIELY, M.D., Clinical Professor of Orthopaedic Surgery.
W. S. SMITH, M.D., Clinical Professor of Gynecology.
JOSEPH W. HOLLAND, M.D., Clinical Professor of Surgery.
T. FRED LEITZ, M.D., Clinical Professor of Gastro-Enterology.
J. W. DOWNEY, M.D., Clinical Professor of Otology.
EDWARD A. LOOPER, M.D., D.Oph., Clinical Professor of Diseases of Thoat and Nose.
FRANK S. LYNN M.D., Clinical Professor of Surgery.
M. RANDOLPH KAHN, Clinical Professor of Ophthalmology.
ELLIOTT HUTCHINS, Clinical Professor of Surgery.
R. W. LOCHER, M.D., Associate Professor of Operative and Clinical Surgery.
H. D. MCCARTY, M.D., Associate Professor of Clinical Medicine.
SYDNEY M. CONE, A.B., M.D., Associate Professor of Pathology.
HUGH BRENT, M.D., Associate Professor of Gynecology.
MELVIN ROSENTHAL, M.D., Associate Professor of Dermatology.
ABRAHAM SAMUELS, M.D., Associate Professor of Gynecology.
LEWIS J. ROSENTHAL, M.D., Associate Professor of Proctology.
C. C. CONSER, M.D., Associate Professor of Physiology.
H. J. MALDEIS, M.D., Associate Professor of Medical Jurisprudence.
J. DAWSON REEDER, M.D., Associate Professor of Proctology.
G. M. SETTLE, A.B., M.D., Associate Professor of Neurology and Clinical Medicine.
C. C. W. JUDD, A.B., M.D., Associate Professor of Medicine.
THOMAS R. CHAMBERS, A.B., M.D., Associate Professor of Surgery.
O. G. HARNE, A.B., Associate Professor of Pharmacology.
WILLIAM H. SMITH, M.D., Associate Professor of Clinical Medicine.
PAUL W. CLOUGH, B.S., M.D., Associate Professor of Medicine.
SYDNEY R. MILLER, A.B., M.D., Associate Professor of Medicine.

J. McFarland Bergland, M.D., Associate Professor of Obstetrics.
W. F. Zinn, M.D., Associate Professor of Diseases of Throat and Nose.
W. H. Toulson, A.B., M.Sc., M.D., Associate Professor of Genito-Urinary Surgery.
C. Reid Edwards, M.D., Associate Professor of Surgery.
Edward Uhlenhuth, Ph.D., Associate Professor of Anatomy.
Harry M. Robinson, M.D., Associate Professor of Dermatology.
Walter A. Baetjer, A.B., M.D., Associate Professor of Medicine.
Harry M. Stein, M.D., Associate Professor of Medicine.
H. S. Sullivan, M.D., Associate Professor of Psychiatry.
Benjamin Pushkin, M.D., Associate Professor of Clinical Neurology.
A. M. Evans, M.D., Associate Professor of Surgery.
F. L. Jennings, Associate Professor of Surgery.
C. L. Joslin, M.D., Associate Professor of Pediatrics.
S. Lloyd Johnson, A.B., M.D., Assistant Professor of Medicine.
John G. Huck, M.D., Assistant Professor of Medicine.
J. Harry Ullrich, M.D., Assistant Professor of Gastro-Enterology.
Theodore H. Morrison, M.D., Assistant Professor of Gastro-Enterology.
George McLean, M.D., Assistant Professor of Medicine.
C. C. Habliston, M.D., Assistant Professor of Medicine.
Reed Rockwood, A.B., M.S., M.D., Assistant Professor of Medicine.
John R. Abercrombie, A.B., M.D., Associate in Dermatology.
E. H. Hayward, M.D., Associate in Surgery.
R. C. Metzel, M.D., Associate in Clinical Medicine.
George A. Strauss, Jr., M.D., Associate in Gynecology.
H. K. Fleck, M.D., Associate in Ophthalmology.
Joseph I. Kemler, M.D., Associate in Ophthalmology.
Henry T. Collenberg, A.B., M.D., Associate in Clinical Pathology.
R. G. Willse, M.D., Associate in Gynecology.
Samuel W. Moore, D.D.S., Associate in Anaesthesia.
W. I. Messick, M.D., Associate in Clinical Medicine.
L. A. M. Krause, M.D., Associate in Medicine.
Frank N. Ogden, M.D., Associate in Biological Chemistry.
Emil Novak, M.D., Associate in Obstetrics.
E. P. Smith, M.D., Associate in Obstetrics.
Thomas K. Galvin, M.D., Associate in Gynecology.
F. A. Ries, M.D., Associate in Physiology.
Howard E. Ashbury, M.D., Associate in Roentgenology.
Frank B. Anderson, M.D., Associate in Diseases of Throat and Nose.
Maurice Feldman, M.D., Associate in Gastro-Enterology.
W. H. Daniels, M.D., Associate in Orthopaedic Surgery.
Harris Goldman, M.D., Associate in Genito-Urinary Surgery.
Edward S. Johnson, M.D., Associate in Surgery.
C. A. Reifschneider, M.D., Associate in Surgery.
Milford Levy, M.D., Associate in Neurology.
M. J. Hanna, M.D., Associate in Surgery.
A. H. Wood, M.D., Associate in Genito-Urinary Surgery.

A. E. Goldstein, M.D., Associate in Pathology.
Bartus T. Baggott, M.D., Associate in Medicine.
Emile Duskes, M.D., Associate in Pathology.
H. M. Bubert, M.D., Associate in Medicine.
H. R. Peters, M.D., Associate in Medicine.
Zachariah Morgan, M.D., Associate in Gastro-Enterology.
John F. Traband, M.D., Associate in Pediatrics.
J. M. Hundley, Jr., M.D., Associate in Gynecology.
Leo Brady, M.D., Associate in Gynecology.
A. J. Gillis, Associate in Genito-Urinary Surgery.
Robert B. Wright, M.D., Associate in Pathology.
Harry L. Rogers, M.D., Associate in Orthopedic Surgery.
Clement R. Monroe, M.D., Associate in Orthopedic Surgery.
Clifford Lee Wilmoth, A.B., Associate in Orthopedic Surgery.
John F. Lutz, M.D., Instructor in Histology.
W. G. Queen, M.D., Instructor in Anaesthesia.
H. M. Foster, M.D., Instructor in Surgery.
Louis F. Krumrein, M.D., Instructor in Bacteriology.
Henry F. Buettner, M.D., Instructor in Bacteriology.
J. A. F. Pfeiffer, M.D., Instructor in Bacteriology.
Joseph E. Gately, M.D., Instructor in Dermatology.
Wm. J. Todd, M.D., Instructor in Pediatrics.
Wm. F. Geyer, M.D., Instructor in Pediatrics.
R. F. McKenzie, M.D., Instructor in Diseases of the Throat and Nose.
J. G. Murray, Jr., M.D., Instructor in Obstetrics.
J. G. M. Reese, M.D., Instructor in Obstetrics.
Dudley Pleasants Bowe, M.D., Instructor in Obstetrics.
George A. Knipp, M.D., Instructor in Physiology and Pediatrics.
F. X. Kearney, M.D., Instructor in Surgery.
Harry Goldsmith, M.D., Instructor in Psychiatry.
Joseph Sindler, M.D., Instructor in Gastro-Enterology.
I. J. Feinglos, M.D., Instructor in Pediatrics.
L. K. Fargo, M.D., Instructor in Genito-Urinary Diseases.
Charles W. Maxson, M.D., Instructor in Surgery.
H. L. Wheeler, M.D., Instructor in Orthopaedic Surgery.
Clarence E. Macke, M.D., Instructor in Pediatrics.
William Michel, M.D., Instructor in Medicine.
H. L. Sinsky, M.D., Instructor in Ophthalmology.
Emil G. Schmidt, Ph.D., Instructor in Biological Chemistry.
C. F. Horine, M.D., Instructor in Surgery.
W. S. Love, Jr., A.B., M.D., Instructor in Medicine and Pathology.
Edward Novak, M.D., Instructor in Medicine.
M. A. Novey, M.D., Instructor in Obstetrics and Pathology.
A. A. Sussman, M.D., Instructor in Medicine and Pathology.
F. T. Kyper, M.D., Instructor in Medicine.
Maurice Lazenby, A.B., M.D., Instructor in Obstetrics.
J. J. Erwin, M.D., Instructor in Obstetrics.

Isadore H. Siegel, A.B., M.D., Instructor in Obstetrics.
N. J. Davidov, M.D., Instructor in Gastro-Enterology.
Albert Eisenberg, M.D., Instructor in Gastro-Enterology.
M. Koppleman, M.D., Instructor in Gastro-Enterology.
Wetherbee Fort, M.D., Instructor in Medicine.
F. S. Orem, M.D., Instructor in Pediatrics.
I. S. Zinberg, M.D., Instructor in Gastro-Enterology.
M. G. Gichner, M.D., Instructor in Medicine.
Joseph N. Zierler, M.D., Instructor in Gastro-Enterology.
Frederick B. Dart, M.D., Instructor in Pediatrics.
B. J. Ferry, M.D., Instructor in Pediatrics.
V. L. Ellicott, M.D., Instructor in Hygiene and Public Health.
M. G. Tull, M.D., Instructor in Hygiene and Public Health.
Isadore I. Levy, M.D., Instructor in Gastro-Enterology.
Albert Jaffe, M.D., Instructor in Pediatrics.
Monte Edwards, M.D., Instructor in Surgery, Genito-Urinary Surgery and Pathology.
Leon Freedom, M.D., Instructor in Pathology.
D. J. Pessagno, M.D., Instructor in Surgery.
Septima C. Smith, A.M., Sc.D., Instructor in Medicine.
William A. Strauss, M.D., Instructor in Medicine.
Moses Gellman, M.D., Instructor in Orthopedic Surgery.
Arnold Lawson Jensen, B.Sc., M.D., Instructor in Orthopedic Surgery.
J. Willis Guyton, M.D., Assistant in Genito-Urinary Surgery.
Dwight Mohr, M.D., Assistant in Surgery.
W. R. Geraghty, M.D., Assistant in Surgery.
S. Demarco, M.D., Assistant in Surgery.
Clyde N. Marvel, M.D., Assistant in Surgery.
H. C. Knapp, M.D., Assistant in Genito-Urinary Diseases.
H. T. Collenberg, M.D., Assistant in Genito-Urinary Surgery.
J. H. Collinson, M.D., Assistant in Genito-Urinary Diseases.
Milton C. Lang, M.D., Assistant in Genito-Urinary Diseases.
J. G. Onnen, M.D., Assistant in Surgery.
H. B. McElwain, M.D., Assistant in Surgery.
I. O. Ridgley, M.D., Assistant in Surgery.
J. J. McGarrell, M.D., Assistant in Pediatrics.
W. R. Johnson, M.D., Assistant in Anatomy and Surgery.
Robert W. Johnson, M.D., Assistant in Anatomy.
W. E. Cole, M.D., Assistant in Pediatrics.
A. C. Monninger, M.D., Assistant in Dermatology.
Isador A. Siegel, M.D., Assistant in Obstetrics.
John A. O'Connor, M.D., Assistant in Surgery.
James Brown, M.D., Assistant in Surgery.
E. M. Hanrahan, A.B., M.D., Assistant in Surgery.
A. V. Buchness, M.D., Assistant in Surgery.
Karl J. Steinmuller, A.B., M.D., Assistant in Surgery.
R. M. Henning, M.D., Assistant in Pediatrics.

Marie Kovner, M.D., Assistant in Pediatrics.
Elizabeth B. Sherman, M.D., Assistant in Pediatrics.
L. J. Millan, M.D., Assistant in Genito-Urinary Surgery.
William Emrich, M.D., Assistant in Genito-Urinary Surgery.
W. H. Woody, M.D., Assistant in Medicine.
Joseph Pokorny, M.D., Assistant in Anatomy.
J. S. Eastland, M.D., Assistant in Medicine.
Leo T. Brown, M.D., Assistant in Gastro-Enterology.
C. V. Hooper, Assistant in Gastro-Enterology.
Samuel Wolfe, M.D., Assistant in Pediatrics.
Samuel Glick, M.D., Assistant in Pediatrics and Pathology.
M. N. Putterman, M.D., Assistant in Pediatrics.
Clewell Howell, M.D., Assistant in Pediatrics.
A. H. Finkelstein, M.D., Assistant in Pediatrics.
Robert Hodes, M.D., Assistant in Neurology.
James W. Nelson, M.D., Assistant in Histology.
J. Hulla, M.D., Assistant in Histology.
Ruth Musser, A.B., Assistant in Pharmacology.
Vernon Norwood, M.D., Assistant in Pathology.
Henry Wasserman, M.D., Assistant in Dermatology.
K. B. Legge, M.D., Assistant in Genito-Urinary Surgery.
T. B. Aycock, M.D., Assistant in Surgery.
F. A. Sigrist, M.D., Assistant in Surgery.
H. F. Bongardt, M.D., Assistant in Surgery.
R. Hooper Smith, M.D., Assistant in Medicine.
Benjamin Abeshouse, M.D., Assistant in Pathology.

University of Maryland School of Medicine

AND

College of Physicians and Surgeons

As a result of the merger accomplished in 1915 the combined schools offer the student the abundant resources of both institutions, and, in addition, by earlier combination with the Baltimore Medical College, the entire equipment of three large medical colleges.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was chartered in 1807, under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties, of Divinity, of Law, and of Arts and Sciences, and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

Established thus for more than a century, the School of Medicine of the University of Maryland has always been a leading medical college, especially prominent in the South and widely known and highly honored throughout the country.

The beautiful college building at Lombard and Greene Streets, erected in 1812, is the oldest structure in America devoted to medical teaching. Here was founded one of the first medical libraries and the first medical college library in the United States.

Here for the first time in America dissecting was made a compulsory part of the curriculum; here instruction in Dentistry was first given (1837), and here were first installed independent chairs for the teaching of Diseases of Women and Children (1867), and of Eye and Ear Diseases (1873).

The School of Medicine was one of the first to provide for adequate clinical instruction by the erection in 1823 of its own hospital, and in this hospital intramural residency for the senior student was first established.

In 1913, juncture was brought about with the Baltimore Medical College, an institution of 32 years' growth. By this association the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated under Legislative enactment in 1872, and established on Hanover Street in a building afterwards known as the Maternite, the first obstetrical hospital in Maryland. In 1878 union was affected with the Washington University School of Medicine, in existence since 1827, and the college was removed to its present location at Calvert and Saratoga Streets. By this arrangement medical control of the City Hospital, now the Mercy Hospital, was obtained, and on this foundation in 1899 the present admirable college building was erected.

ORGANIZATION OF THE SCHOOL OF MEDICINE

LABORATORY AND CLINICAL FACILITIES

The Laboratories

The laboratories are located at two centers, the group of buildings at Greene and Lombard Streets, and the building at Calvert and Saratoga Streets. The schedule is so adjusted that the laboratory periods are placed with a view of obviating unnecessary movement on the part of the classes. The building known as Gray Laboratory, at Greene and Lombard Streets, houses three departments. The Anatomical Laboratory is placed upon the top floor, where skylights and an auxiliary modern system of electric lighting gives adequate illumination of the subjects. On this floor are the office of the department and the necessary preparation rooms. The Department of Pharmacology occupies the second floor. There is a large room for the general student laboratory, which is thoroughly equipped with apparatus of recent acquisition, and in addition contains many instruments of unique and original design. With office and stock-room adjoining, this laboratory is complete for student experimentation. On the first floor of Gray Laboratory is the Department of Physiology. In addition to the large student laboratory, which is constructed for sections of forty-five students, there are rooms for the departmental office, preparation of material, and storage of apparatus. An additional room is devoted exclusively to mammalian experiments. In this building there is maintained an animal room where is kept an abundance of material for experimental purposes. The embalming and storage plant for the Department of Anatomy is in physical connection with the building and its special departments. The laboratories of physiology and pharmacology are completely equipped with apparatus lockers so that in accord with the best ideas of instruction, the students work in groups of two each, and each group has sufficient apparatus so that the experimental work can be carried on without delay or recourse to a general stock-room.

The laboratories of Pathology and Biochemistry are located on the third floor of the Dental Building. The former department has a large student laboratory with a capacity of ninety; the tables are so placed as to secure the most satisfactory illumination for microscopic work, in addition, all of the tables are electrically equipped for substage illumination. This equipment is also provided for all laboratories where microscopic work obtains. The museum of the Department of Pathology adjoins the student laboratory. Here are available for demonstration about fifteen hundred carefully prepared and mounted specimens, and for laboratory instruction and study, an abundance of autopsy material with complete clinical histories. Several preparation, research, and office rooms communicate with the other rooms of this department. The laboratory of Biochemistry is constructed and equipped for sections of fifty. The laboratory is completely equipped for the facilitation of work. The office and stock-room adjoin. In the Main Building is the Museum of Anatomy, where are arranged for student reference, specimens which represent the careful selection of material over a period of many years. In the

University Hospital is the Student Laboratory for the analytical studies of those students who are serving as clinical clerks on the wards. A similar laboratory is maintained in the building at the N. W. corner of Saratoga and Calvert Streets, for the student work on the wards of the Mercy Hospital.

In this latter building are two laboratories for Bacteriology, Histology, and Clinical Pathology, and an additional dissecting room which is used for the course of Topographical Anatomy. The two laboratories accommodate one hundred students or the full class, and are equipped with necessary lockers for microscopes and apparatus. Each of the departments housed in this building are provided with their individual offices, preparation, and stockrooms.

Clinical Facilities

UNIVERSITY HOSPITAL

The University Hospital which is the property of the University of Maryland, is the oldest institution for the care of the sick in the State of Maryland. It was opened in September, 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for the eye cases.

The present hospital has a capacity of 275 beds devoted to general medicine, surgery, obstetrics and the various medical and surgical specialties. It is equipped with a thoroughly modern X-ray department and clinical laboratory, and a postmortem building which is constructed with special reference to the instruction of students in *pathological anatomy.*

The hospital is situated opposite the medical school buildings so that the students lose no time in passing from the lecture halls and laboratories to the clinical amphitheater, dispensary and wards.

Owing to its situation, being adjacent to the largest manufacturing district of the city and the shipping district, large numbers of accident cases are received. These combined with the cases of many sick seamen and with patients from our own city furnish a large amount of clinical material. Accommodations for thirty obstetrical patients are provided in the hospital for the purpose of furnishing actual obstetrical experience to each member of the graduating class.

In connection with the University Hospital an outdoor obstetrical clinic is conducted, in which every case has careful pre-natal supervision, is attended during labor by a senior student, supervised by a hospital physician and assisted by a graduate nurse, and is visited during the puerperium by the attending student and graduate nurse. Careful pre-natal, labor and puerperal records are kept, making this work of extreme value to the medical student, not only from the obstetrical standpoint, but in making him appreciate the value of social service and public health work.

During the year ending December 31, 1926, 386 cases were delivered in the hospital and 987 cases in the outdoor department. Students in the graduating class delivered an average of fourteen cases, each student being required to deliver twelve cases.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: Medicine, Surgery, Obstetrics, Children, Eye and Ear, Genito-Urinary, Gynecology, Gastro-Enterology, Neurology, Orthopaedics, Proctology, Dermatology, Throat and Nose, Tuberculosis and Psychiatry.

All students in their junior year work in the departments of Medicine and Surgery each day in one of the dispensaries.

All students in their senior year work in the special departments one hour each day.

HOSPITAL COUNCIL

RAYMOND A. PEARSON, M.S., D.Agr., LL.D., *President.*
J. M. H. ROWLAND, M.D., *Dean.*
M. C. PINCOFFS, S.B., M.D., *Head of the Department of Medicine.*
A. M. SHIPLEY, M.D., Sc.D., *Head of the Department of Surgery.*
SAMUEL M. SHOEMAKER, *President of the Board of Regents.*
A. J. LOMAS, M.D., *Superintendent of the Hospital.*
MISS ANNIE CRIGHTON, R.N., *Superintendent of Nurses.*
J. ALLISON MUIR,
G. M. SHRIVER,
W. B. BROOKS,
MISS FLORENCE SADTLER, *Representing Woman's Auxiliary Board.*

Representing Hospital Staff

PAGE EDMUNDS, M.D.
C. REID EDWARDS, M.D.

Representing Medical Alumni

S. G. DAVIS, M.D.
G. MILTON LINTHICUM, M.D.

UNIVERSITY HOSPITAL STAFF

Superintendent of the Hospital, A. J. LOMAS, M.D.

Physicians

GORDON WILSON, M.D.
CHARLES W. MCELFRESH, M.D.
ROSCOE C. METZEL, M.D.
PAUL W. CLOUGH, M.D.
MAURICE C. PINCOFFS, M.D.
G. CARROLL LOCKARD, M.D.
JOS. E. GICHNER, M.D.
WM. H. SMITH, M.D.

Gastro-Enterologist
JULIUS FRIEDENWALD, A.M., M.D.

Neurologist
IRVING J. SPEAR, M.D.

Psychiatrist
R. M. CHAPMAN, M.D.

Pediatrician
CHARLES L. SUMMERS, M.D.

Pathologists

Hugh R. Spencer, M.D.
S. Lloyd Johnson, M.D.
Reed Rockwood, M.D.

Surgeons

Randolph Winslow, A.M., M.D., LL.D.
Joseph W. Holland, M.D.
Nathan Winslow, M.D.
Arthur M. Shipley, M.D., Sc.D.
Page Edmunds, M.D.
Frank S. Lynn, M.D.
Charles Reid Edwards, M.D.

Laryngologist

Edward A. Looper, M.D.

Proctologists

G. Milton Linthicum, A.M., M.D.
J. Dawson Reeder, M.D.

Orthopaedic Surgeons

R. Tunstall Taylor, A.B., M.D.
Compton Riely, M.D.

Genito-Urinary Surgeon

W. H. Toulson, A.B., M.Sc., M.D.

Roentgenologists

Henry J. Walton, M.D.
Howard E. Ashbury, M.D.

Dermatologist

Henry M. Robinson, M.D.

Anaesthetists

S. Griffith Davis, M.D.
Samuel W. Moore, DD.S.
W. G. Queen, M.D.

Obstetricians

J. M. H. Rowland, M.D.
M. A. Novey, A.B., M.D.
Dudley Pleasants Bowe, A.B., M.D.
L. H. Douglass, M.D.
J. G. M. Reese, M.D.
Isador H. Siegel, A.B., M.D.

Ophthalmologists and Otologists

Harry Friedenwald, M.D.
William Tarun, M.D.
Hiram Woods, A.M., M.D.
J. W. Downey, M.D.

Gynecologists

J. Mason Hundley, M.D.
Hugh Brent, M.D.
W. S. Gardner, M.D.
R. G. Willse, M.D.

RESIDENT STAFF 1927-1928

Resident Surgeon	Dr. R. S. Anderson
Assistant Resident Surgeons	Dr. J. E. Elliott and Dr. L. U. Lumpkin
Resident Physician	Dr. F. F. Lusby
Assistant Resident Physician	Dr. L. O. Tayuton
Resident Gynecologist	Dr. Walter C. Merkel
Resident Obstetrician	Dr. Knight Reynolds
Assistant Resident Obstetrician	Dr. J. T. Hibbitts

INTERNES

Dr. Helen Strayer
Dr. Charles H. Stonesifer
Dr. Charles E. Gill
Dr. John R. Phillips
Dr. H. V. Staton
Dr. C. F. Karns
Dr. C. W. Peake
Dr. James L. Swank
Dr. Francis B. Teague
Dr. Henry Davis
Dr. Herbert E. Reifschneider
Dr. Elijah Covington
Dr. J. M. Brice

Dr. A. H. Finkelstein—*Interne on Pediatrics*
Dr. James G. Saffel—*Interne on B. & O. Service*

UNIVERSITY HOSPITAL DISPENSARY STAFF

Medicine

H. M. Stein, M.D., *Chief of Clinic*

Roscoe C. Metzel, M.D.
William Michel, M.D.
H. M. Bubert, M.D.
A. L. Fehsenfeld, M.D.
W. H. Triplett, M.D.
Joseph Rosenblatt, M.D.
Leo Lally, M.D.
Thomas Coonan, M.D.

Diseases of the Stomach and Intestines

J. H. Ullrich, M.D., *Chief of Clinic*

Joseph Sindler, M.D.
Z. Morgan, M.D.
Leo T. Brown, M.D.
M. S. Koppelman, M.D.
N. J. Davidov, M.D.
C. Vance Hooper, M.D.

Neurology

Irving J. Spear, M.D., *Professor of Neurology*
G. M. Settle, M.D., *Chief of Clinic*

Benjamin Pushkin, M.D.
Milford Levy, M.D.
Robert Hodes, M.D.

Psychiatry

R. M. Chapman, M.D., *Professor of Psychiatry*
Harry Goldsmith, M.D., *Chief of Clinic*

Nicholas W. Pinto, M.D.
Morris L. Scheindlinger, M.D.
Harry W. Rosenthal, M.D.

Diseases of the Lungs

C. C. Habliston, M.D., *Chief of Clinic*

Disease of Metabolism

H. M. Stein, M.D., *Chief of Clinic*

Cardiovascular Diseases

William S. Love, Jr., M.D., *Chief of Clinic*

Pediatrics

Charles L. Summers, M.D., *Professor of Pediatrics*
C. Loring Joslin, M.D., *Chief of Clinic*
John H. Traband, M.D., *Chief of Clinic*
William J. Todd, M.D.
Clarence Macke, M.D.
Albert Jaffe, M.D.
Bernard J. Ferry, M.D.
Marie Kovner, M.D.
Clewell Howell, M.D.
M. N. Putterman, M.D.
Samuel Glick, M.D.
F. Stratner Orem, M.D.
William G. Geyer, M.D.
George A. Knipp, M.D.
R. M. Hening, M.D.
J. J. McGarrell, M.D.
Elizabeth Sherman, M.D.
Samuel Wolfe, M.D.
A. H. Finkelstein, M.D.

Surgery

Charles Reid Edwards, M.D., *Chief of Clinic*
H. M. Foster, M.D.
C. A. Reifschneider, M.D.
E. S. Perkins, M.D.
F. A. Sigrist, M.D.
R. H. Wiggins, M.D.
E. S. Johnson, M.D.
W. R. Johnson, M.D.
James Brown, M.D.
S. H. Culver, M.D.

Orthopaedic Surgery

R. Tunstall Taylor, A.B., M.D., *Professor of Orthopaedic Surgery*
Compton Riely, M.D., *Chief of Clinic*
W. H. Daniels, M.D.
H. L. Wheeler, M.D.

Genito-Urinary

W. H. Toulson, M.D., *Chief of Clinic*
Harris Goldman, M.D.
J. H. Collinson, M.D.
H. T. Collenberg, M.D.
Milton C. Lang, M.D.
H. C. Knapp, M.D.
L. K. Fargo, M.D.

X-Ray

Henry J. Walton, M.D., *Roentgenolgist*

Dermatology

H. M. Robinson, M.D., *Chief of Clinic*
J. E. Gately, M.D.

Nose and Throat

E. A. LOOPER, M.D., *Clinical Professor of Diseases of Throat and Nose*
FRANK B. ANDERSON, *Chief of Clinic*
F. A. HOLDEN, M.D. CHARLES CAHN, M.D.

Gynecology

J. M. HUNDLEY, JR., M.D. A. V. BUCHNESS, M.D.
LEO BRADY, M.D. GEORGE L. WISSIG, M.D.
WILLIAM J. FULTON, M.D.

Obstetrics

L. H. DOUGLASS, M.D., *Chief of Clinic*
DUDLEY PLEASANTS BOWE, B.A., M.D. M. ALEXANDER NOVEY, M.D.
J. G. M. REESE, M.D. ISADORE A. SIEGEL, M.D.
MAXWELL MAZER, M.D.

Eye and Ear

HARRY FRIEDENWALD, M.D., *Professor of Ophthalmology and Otology*
J. W. DOWNEY, M.D.
H. L. SINSKY, M.D., *Chief of Clinic*
CHARLES CAHN, M.D. JOHN G. RUNKEL, M.D.

Social Service

MISS GRACE PEARSON, *Directress*

UNIVERSITY HOSPITAL DISPENSARY REPORT

October 1, 1925, to September 30, 1926

	CASES		
DEPARTMENT	NEW	OLD	TOTAL
Pediatrics	2,192	17,535	19,727
Dermatology	3,864	7,761	11,625
Surgery	1,921	6,740	8,661
Obstetrics	1,526	4,457	5,983
Eye and Ear	1,704	3,765	5,469
Genito-Urinary	838	4,392	5,230
Medicine	1,067	3,805	4,872
Gynecology	1,047	2,025	3,072
Orthopedic	308	1,873	2,181
Nose and Throat	930	803	1,733
Neurology	419	948	1,367
Gastro-Intestinal	247	744	991
Tuberculosis	260	198	458
Psychiatry	184	272	456
Cystoscopy	52	225	277
Total	16,559	55,543	72,102

In addition to the above there were treated in the State Veneral Clinic 20,355 patients.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of administering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly-growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present Hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space has compelled the erection of additions, until now there are accommodations for 351 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

Mercy Hospital is located in the center of a city of 800,000 inhabitants.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

It adjoins the College building, and all surgical patients from the public wards are operated upon in the College operating rooms. This union of the Hospital and College buildings greatly facilitates the clinical teaching, as there is no time lost in passing from one to the other.

Mercy Hospital is the hospital of the United Railways and Electric Company of Baltimore City, and receives patients from the Baltimore and Ohio Railroad Company and from the Pennsylvania Railroad Company and its branches.

BOARD OF GOVERNORS

SAMUEL S. SHOEMAKER, ESQ., *Chairman*

SISTER M. CARMELITA
SISTER M. SIENNA
SISTER M. HILDEGARDE
SISTER M. ANITA
SISTER M. GERALDINE
SISTER M. FABIAN
ALEXIUS MCGLANNAN, A.M., M.D., LL.D.
JULIUS FRIEDENWALD, A.M., M.D.
W. D. WISE, M.D.
H. G. BECK, M.D.
F. D. SANGER, M.D.
T. K. GALVIN, M.D.

MERCY HOSPITAL STAFF

SURGICAL DIVISION

ALEXIUS MCGLANNAN, A.M., M.D., LL.D.
W. D. WISE, M.D.
C. F. BLAKE, M.D.
ELLIOTT HUTCHINS, M.D.
A. M. EVANS, M.D.
F. L. JENNINGS, M.D.

Associate Surgeons

R. H. LOCHER, M.D.
T. R. CHAMBERS, M.D.
F. X. KEARNEY, M.D.
I. O. RIDGLEY, M.D.
EVERARD BRISCOE, M.D.
N. C. MARVEL, M.D.
D. J. PESSAGNO, M.D.

Assistant Surgeons

CHARLES MAXSON, M.D.
A. B. MCELWAIN, M.D.
DWIGHT MOHR, M.D.
H. F. BONGARDT, M.D.
T. J. TOUHEY, M.D.

Ophthalmologist and Otologist

HARRY FRIEDENWALD, M.D.

Associates

H. K. FLECK, M.D.
J. W. DOWNEY, M.D.

Rhinologists and Laryngologists

FRANK D. SANGER, M.D.
W. F. ZINN, M.D.
GEORGE W. MITCHELL, M.D.
RAYMOND MCKENZIE, M.D.

Associate

F. A. PACIENZA, M.D.

Proctologist

CHARLES F. BLAKE, M.D.

Associate

L. J. ROSENTHAL, M.D.

Orthopedic Surgeon

ALBERTUS COTTON, M.D.

Associate
H. L. Rogers, M.D.

Assistant
K. W. Golley, M.D.

Urologist
Alexander J. Gillis, M.D.

Assistant
Kenneth B. Legge, M.D.

MEDICAL DIVISION

Physicians
Maurice C. Pincoffs, M.D.
William F. Lockwood, M.D.
Standish McCleary, M.D.
Cary B. Gamble, M.D.
Harvey G. Beck, M.D.

Associates
Hubert C. Knapp, M.D.
C. C. W. Judd, M.D.
F. T. Kyper, M.D.
H. R. Peters, M.D.
E. E. Mayer, M.D.
Bartus T. Baggott, M.D.
George McLean, M.D.
A. A. Sussman, M.D.
L. A. M. Krause

Gastro-Enterologist
Julius Friedenwald, M.D.

Associates
T. Frederick Leitz, M.D.
Theodore Morrison, M.D.

Assistants
Maurice Feldman, M.D.
Joseph Sindler, M.D.

Pediatricians
John Ruhrah, M.D.
Edgar B. Friedenwald, M.D.

Assistant
F. B. Smith, M.D.

Neurologist and Psychiatrist
Andrew C. Gillis, M.D.

Assistant
Milford Levy, M.D.

Dermatologist

MELVIN ROSENTHAL, M.D.

OBSTETRICAL DIVISION

CHARLES E. BRACK, M.D.
A. SAMUELS, M.D.
W. S. GARDNER, M.D.
G. A. STRAUSS, M.D.
E. P. SMITH, M.D.
J. J. ERWIN, M.D.
T. K. GALVIN, M.D.
E. S. EDLAVITCH, M.D.

GYNECOLOGICAL DIVISION

Gynecologists

WILLIAM S. GARDNER, M.D.
GEORGE A. STRAUSS, M.D.
E. P. SMITH, M.D.
ABRAHAM SAMUELS, M.D.
T. K. GALVIN, M.D.
J. J. ERWIN, M.D.
E. S. ELDAVITCH, M.D.

PATHOLOGICAL DIVISION

STANDISH MCCLEARY, M.D.
HUGH R. SPENCER, M.D.

Clinical Pathologists

H. T. COLLENBERG
H. R. PETERS, M.D.
EMIL G. SCHMIDT, Ph.D.

Technicians

SISTER M. JOAN, Ph.G., R.N.
ANNA CHENOWETH, R.N.,
FRANCES DONOVAN, R.N.

X-RAY DEPARTMENT

Radiographers

ALBERTUS COTTON, M.D.
HARRY L. ROGERS, M.D.
K. W. GOLLEY, M.D.

Technician—SISTER M. DE SALES, R.N.

MERCY HOSPITAL RESIDENT STAFF

Resident Physician

J. E. Eastland, M.D.

Assistant Resident Physician

Wm. C. Polsue, M.D.

Resident Surgeon

E. M. Robertson, M.D.

Assistant Resident Surgeons

J. L. Winstead, M.D.
C. Y. Graves, M.D.
W. H. Lawson, M.D.
V. K. Young, M.D.

Resident Gynecologist

E. B. Wallace, M.D.

Internes

T. N. Carey, M.D.
H. W. Elliason, M.D.
F. W. Gillis, M.D.
J. J. Leyko, M.D.
J. G. Benesunes, M.D.
S. A. Tumminello, M.D.
G. P. Lilly, M.D.
Ira Branfield, M.D.

DISPENSARY STAFF OF MERCY HOSPITAL

Surgery Supervisors

Alexius McGlannan, M.D.
W. D. Wise, M.D.

Attending Surgeons

D. H. Mohr, M.D.
I. O. Ridgley, M.D.
John O'Connor, M.D.
D. J. Pessagno, M.D.
H. F. Bongardt, M.D.
T. J. Touhey, M.D.
J. W. Nelson, M.D.

Genito-Urinary Surgery

A. J. Gillis, M.D.
K. B. Legge, M.D.

Orthopedic Surgery

Albertus Cotton, M.D.
Harry L. Rogers, M.D.
K. W. Golley, M.D.

Medicine Supervisors

W. F. Lockwood, M.D.
M. C. Pincoffs, M.D.

Attending Physicians

B. T. Baggott, M.D.
J. M. Miller, M.D.
F. T. Kyper, M.D.
Albert Scagnetti, M.D.
A. A. Sussman, M.D.

Cardiovascular Diseases

A. A. Sussman, M.D., *Chief of Clinic*

Diseases of the Lungs

B. T. Baggott, M.D., *Chief of Clinic*

Diseases of Stomach

Supervisor, Julius Friedenwald, M.D.

Attending Physicians

T. Frederick Leitz, M.D.
M. Feldman, M.D.
Theodore H. Morrison, M.D.
Joseph Sindler, M.D.
S. Zinberg, M.D.
A. Eisenberg, M.D.
J. N. Zierler, M.D.
I. I. Levy, M.D.
W. F. Zinn, M.D., *Esophagoscopist*

Nervous Diseases

Supervisor, A. C. Gillis, M.D.

Attending Physicians

Milford Levy, M.D.
R. A. Warner, M.D.

Diseases of Women

Supervisors

W. S. Gardner, M.D.
A. Samuels, M.D.

Attending Surgeons

E. P. Smith, M.D.
J. J. Erwin, M.D.
T. K. Galvin, M.D.
C. F. J. Coughlin, M.D.
E. Edlavitch, M.D.

Diseases of Nose and Throat

W. F. Zinn, M.D.
R. F. McKenzie, M.D.
F. A. Pacienza, M.D.

Diseases of Eye and Ear

H. F. Fleck, M.D.
J. I. Kemler, M.D.
M. Raskin, M.D.
F. A. Pacienza, M.D.

Proctology

L. J. Rosenthal, M.D.

Dermatology

Melvin Rosenthal, M.D.

Assistant

William G. Coppage, M.D.

Social Service Department

Sister M. Helen, R.N.
Catherine Campbell, R.N.

MERCY HOSPITAL DISPENSARY

Department	Cases		Total
	Old	New	
Surgical	2,759	955	3,714
Medical	1,785	1,101	2,886
Gynecologist	690	314	1,004
Eye and Ear	834	397	1,231
Nose and Throat	491	607	1,098
Neurological	198	69	267
Children	123	80	203
Gastro Intestinal	436	98	513
Dental	88	105	193
Rectal	58	42	100
Orthopedic	1,077	203	1,280
Skin	386	169	555
Genito-Urinary	5,211	692	5,903
Total	14,116	4,828	18,954

OTHER CLINICAL FACILITIES

THE BALTIMORE CITY HOSPITALS

The clinical advantages of the University have been largely increased by the liberal decision of the Board of Supervisors of City Charities to allow the immense material of these hospitals to be used for the purpose of medical education. There are daily visits and clinics in medicine and surgery by the Staff of the Hospitals. The autopsy material is unsurpassed in this country in amount, thoroughness in study, and the use made of it in medical teaching.

The Baltimore City Hospitals consist of the following separate hospitals:

The General Hospital, 160 beds.

The Hospital for Chronic Cases, 180 beds.

The Hospital for Tuberculosis, 190 beds.

The Detention Hospital for Insane, 450 beds.

STAFF OF THE BALTIMORE CITY HOSPITALS

VISITING STAFF

Thomas R. Boggs, S.B., M.D., *Physician-in-Chief.*
Arthur M. Shipley, Sc.D., M.D., *Surgeon-in-Chief.*
C. C. Habliston, M.D., *Physician-in-Chief to the Tuberculosis Hospital.*
Harry Goldsmith, M.D., *Physician-in-Charge of the Detention Hospital for the Insane.*
Wiley D. Forbus, A.B., M.D., *Visiting Pathologist.*
Vernon H. Norwood, A.B., M.D., *Resident Pathologist.*

CONSULTING STAFF

Otologist
William Tarun, M.D.

Gynecologists
R. G. Willse, M.D.
J. Mason Hundley, Jr., M.A., M.D.

Urologist
W. H. Toulson, A.B., M.D.

Laryngologists
H. R. Slack, M.D.
Franklin B. Anderson, M.D.

Pediatrician
John Ruhrah, M.D.

Neurologist
Oliver Smith, A.B., M.D.

Psychiatrists
Henry J. Berkley, M.D.
Adolph Meyer, M.D.

Orthopedist
H. L. Wheeler, M.D.

Proctologist
G. Milton Linthicum, A.B., M.D.

Assisting Visiting Physician
Charles R. Austrian, M.D.

Assistant Visiting Surgeons
Frank S. Lynn, M.D.
C. A. Reifschneider, M.D.
E. M. Hanrahan, A.B., M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution contains 100 beds for the active treatment of deformities, a new fire-proof building having been recently added, with every possible facility for the operative and physical treatment of these cases. It owns an estate known as "Radnor Park," of colonial origin, comprising 75 acres, at Hillsdale, within the northwestern city limits, and may be reached by trolley.

This institution has city, state, endowed and private beds and rooms with private baths and terraces adjacent, overlooking a beautiful park-like environment, especially adapted for heliotherapy in tuberculosis, rhachitic, osteomyelitic and arthritic conditions. A dairy and farm are maintained in connection with this hospital. The dispensary of this hospital is maintained across the street from the University Hospital, with which this institution is in close affiliation, for didactic, clinical, dispensary and bedside instruction. It is the Orthopaedic Department of the University of Maryland, and maintained in connection with it is a well-equipped Physiotherapy branch, affording the student an opportunity to familiarize himself with the newer methods in the application of actinotherapy, diathermy, thermotherapy, electricity and hydrotherapy.

STAFF

Surgeon-in-Chief and Medical Director

R. Tunstall Taylor, A.B., M.D.

Associate Surgeons

Albertus Cotton, A.M., M.D.
Clement R. Monroe, M.D.
Clifford Lee Wilmoth, A.B., M.D., D.T.M.&H. (London)
Harry L. Rogers, M.D.

Assistant and Dispensary Surgeons

Compton Riely, M.D.
Arnold Lawson Jensen, B.Sc., M.D.
Moses Gellman, A.B., M.D.

Consulting Surgeons

J. M. T. Finney, A.B., M.D., D.S.M., F.R.C.S. (Eng. Ire.) Hon.
Randolph Winslow, A.B., M.A., M.D., LL.D.

Surgeon

Arthur M. Shipley, Sc.D., M.D.

Plastic Surgeon

John Staige Davis, B.Sc., M.D.

Neuro-Surgeon

Charles Bagley, Jr., A.B., M.D.

Consulting Oculist and Aurist

Hiram Woods, A.B., M.D., LL.D.

Oculist and Aurist

William Tarun, M.D.,

Laryngologist

Edward A. Looper, M.D.

Assistant Laryngologists

F. B. Anderson, M.D.
Everett L. Bishop, M.D.
Allen Holden, M.D.
Marshall T. Bylerly, M.D.

Dentists

J. B. Bell, D.D.S.
C. Merle Dixon, Jr., D.D.S.

Consulting Physicians

Lewellys F. Barker, A.B.,M.D.
Thomas B. Futcher, A.B., M.D.
Thomas R. Brown, A.B., M.D.
William S. Thayer, A.B., M.D.

Pediatrist

Benjamin Tappan, A.B., M.D.

Dermatologist

John R. Abercrombie, A.B., M.D.

Pathologist

Sydney M. Cone, A.B., M.D.

Attending Pathologist

Howard J. Maldeis, M.D.

Neurologist
Irving J. Spear, M.D.

Resident Surgeon
Clement R. Monroe, M.D.

Assistant Resident Surgeon
Arnold Lawson Jensen, B.Sc., M.D.

Resident Student Interne
Samuel Philip Sardo

Head Nurse
Miss Grace Lovell Elgin, R.N.

Dispensary and Social Service Nurse
Miss Mabel S. Brown, R.N.

Physiotherapists, Masseuses and Instructors in Corrective Gymnastics
Miss Anita Renshaw Presstman
Miss Elizabeth Emory
Mrs. Georgiana Wisong
Miss Florence Grape

Roentgenologists
Albertus Cotton, A.M., M.D.
Henry J. Walton, M.D.
Mrs. Georgiana Wisong

Instructors in Grammar School
Miss Mary H. Lee, *Principal*
Miss Mary Sampson, *Assistant*

Superintendent and Business Manager
Mrs. M. E. Lane

ST. VINCENT'S INFANT ASYLUM

The facilities of this institution, containing 250 infants and children, have been kindly extended to the University of Maryland by the Sisters of Charity. This large clinic enables this school to present to its students liberal opportunities for the study of diseases of infants and children.

STAFF

Obstetrician
Dr. L. H. Douglass

Pediatricians
Dr. W. C. Bacon
Dr. C. R. Goldsborough
Dr. W. H. Ingram
Dr. C. L. Joslin

Surgeon
Dr. N. Winslow

Dermatologist
Dr. J. A. Buchness

Oculists
Dr. C. A. Clapp
Dr. F. B. Anderson

Orthopedic Surgeon
Dr. W. H. Daniels

Physician
Dr. C. P. Clautice

Epidemiologist
Dr. Samuel Glick

INSTITUTIONS FOR THE TREATMENT OF THE INSANE AND FEEBLE-MINDED

THE SHEPPARD AND ENOCH PRATT HOSPITAL. This institution is one of the most modern hospitals for the treatment and care of the insane in this country. It is well endowed and its superintendent is R. M. Chapman, M.D., Professor of Psychiatry at the University of Maryland. In this hospital intensive treatment and study of mental diseases is carried on, a large number of the patients entering voluntary. The students under the direction of Dr. Chapman and his assistants in a series of clinics are shown the early manifestations and the various stages of mental diseases, the methods of treatment, and their effect. Special attention is given to etiological factors and the discussion of prevention.

SPRING GROVE HOSPITAL. Through the courtesy of the Superintendent of this institution, the Professor of Psychiatry is enabled to present to the weekly clinics to the fourth-year class the different types of psychoses and psycho-neuroses.

LIBRARIES

The University Library, founded in 1813 by the purchase of the collection of Dr. John Crawford, now contains 24,601 volumes, a file of 70 current (medical) journals, and several thousand pamphlets and reprints. It is well stocked with recent literature, including books and periodicals of general interest. The home of the Library is Davidge Hall, a comfortable and commodious building in close proximity to the classrooms and the Laboratories of the Medical Department. The Library is open daily during the year, except in August, for use of members of the Faculty, the students, and the profession generally.

The Library of the Medical and Chirurgical Faculty of Maryland, containing 50,000 volumes, is open to the students of the school. The leading medical publications of the world are received by the Library, and complete sets of many journals are available. Other Libraries of Baltimore are the Peabody (215,000 volumes) and the Enoch Pratt Free Library (497,901 volumes).

All these Libraries are open to the students of the school without charge.

ORGANIZATION OF THE CURRICULUM

The following curriculum is the result of a thorough revision of teaching in this school in order to meet modern requirements. The multiplication of specialties in medicine and surgery necessitates a very crowded course and the introduction of electives will very soon be depended on to solve some of the difficulties.

The curriculum is organized under eleven departments:

1. Anatomy (including Histology and Embryology).
2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology and Otology.

The instruction is given in four years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures and functions of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in Medicine and Surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the needs of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF ANATOMY, INCLUDING HISTOLOGY AND EMBRYOLOGY

C. L. Davis, M.D.	Professor of Anatomy
Eduard Uhlenhuth, Ph.D.	Associate Professor of Anatomy
John F. Lutz, M.D.	Instructor in Histology
Wm. R. Johnson, M.D.	Assistant in Anatomy
Robt. W. Johnson, M.D.	Assistant in Anatomy
Joseph Pokorny, M.D.	Assistant in Anatomy
Jas. W. Nelson, M.D.	Assistant in Histology
J. Hulla, M.D.	Assistant in Histology

First Year. *Didactic.* Five hours each week for thirty-two weeks. Each day, preceding the laboratory period, a quiz and demonstration of from forty to fifty minutes is held, covering the laboratory work for the day.

Laboratory. Eighteen hours each week for thirty-two weeks. This course includes a complete dissection of the human body, including the central nervous system. Abundance of good material is furnished and the student is aided in his work by competent demonstrators. Practical examinations are held at frequent intervals throughout the session, and each student will be held to strict account for material furnished him. Each student is furnished a skeleton, and a deposit is required to insure its return in good condition at the end of the session.

The last six weeks of this course is devoted to a dissection of the brain and a study of the structure of the central nervous system.

Histology and Embryology

First Year. Lectures, recitations and laboratory work, eight hours each week for thirty-two weeks. Histology and embryology are taught as a common subject, the histogenesis of a part preceding its histological study.

The most important part of the work will be done in the laboratory, where each student will be provided with apparatus, staining fluids and material necessary for the preparation of specimens for microscopial examination. An important aid to the course is the projection microscope and balopticon which are used for the projection upon a screen of magnified images of the specimens actually used in the laboratory, and of illustrations from standard text-books.

DEPARTMENT OF PHYSIOLOGY

A. H. Ryan, M.D.	Professor of Physiology
Charles C. Conser, M.D.	Associate Professor of Physiology
Ferdinand A. Ries, M.D.	Associate in Physiology
George A. Knipp, M.D.	Instructor in Physiology

1. Physiology. The required course consists of lectures, recitations, laboratory work, demonstrations and conferences in the first and second years.

First Year. Two periods weekly of one hour each are given during the second half of the first year. These lectures are devoted to a general survey of the subject; the application of physical and physico-chemical methods to experimental physiology; the application of statistical methods and the presentation of results. The physiology of vision is also covered in lectures, the laboratory work being given in the second year.

Second Year. Three one-hour periods weekly throughout the year are devoted to lectures and recitations. At these lectures charts, lantern slides and demonstrations are used. Three hours weekly during the first semester and six hours per week during the second semester are spent in the laboratory.

The laboratory work of the second year begins with a study of irritability and contractility and with methods of making precise quantitative physiological observations and controls, curve platting, interpretation of data and the use of physiological apparatus. Students work in groups of two at completely equipped desks, and the material consists largely of the frog and turtle.

This is followed by experiments in which the students work in groups of four to six, largely upon mammals as well as themselves, and includes the subjects circulation and body fluids, respiration, digestion, secretion, metabolism, internal secretion, central nervous system and special senses. Certain experiments are performed aseptically upon the internal secretions and nervous system, the students themselves presenting their cases along with their study of the literature to the remainder of the class. Specially equipped laboratories are used for certain parts of the work. Students are taught to treat animals with the same consideration and interest as patients.

The work is arranged to illustrate fundamental principles of physiology and at the same time familiarize the students in methods of thought and technique essential to diagnosis and directly applicable to the clinic and bedside.

2. Clinical Physiology. During the second semester of the second year a one-hour clinic is held each week by the Department of Medicine to correlate physiology and medicine and serve as an introduction to the work of the clinical years.

3. Elective Work. This is offered to students of the third and fourth years, without credit, in the following subjects: basal metabolism, internal secretions and central nervous system.

4. Research. Hours to be arranged. The facilities of the laboratory are available to qualified persons to undertake original investigation, the laboratory bearing all reasonable expense for material.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Frank W. Hachtel, M.D.	Professor of Bacteriology
William Royal Stokes, M.D., Sc.D.	Professor of Bacteriology
Louis F. Krumrein, M.D.	Instructor in Bacteriology
J. A. F. Pfeiffer, M.D.	Instructor in Bacteriology
Henry F. Buettner, M.D.	Instructor in Bacteriology

Instruction in bacteriology is given in the laboratory to the students of the second year during the first semester. This includes the various methods of preparation and sterilization of culture media, the study of pathogenic bacteria and the bacteriological examination of water and milk. The bacteriological diagnosis of the communicable diseases is also included in this course. Animal inoculations are made in connection with the bacteria studied. The most important protozoa are also studied in the laboratory. The principles of general bacteriology are taught by quiz, conference and lecture.

The principles of immunology are presented by means of quizzes, conferences and lectures to the second-year class throughout the second semester, and practical experiments are carried out by the class in laboratory sessions of three hours each, held twice weekly during the semester.

DEPARTMENT OF BIOLOGICAL CHEMISTRY

H. Boyd Wylie, M.D.---------------Professor of Biological Chemistry
Frank N. Ogden, M.D.---------------Associate in Biological Chemistry
Emil G. Schmidt, Ph.D.-------------Instructor in Biological Chemistry

Instruction in biological chemistry comprises laboratory work, lectures and conferences.

The laboratory work consists in the study of important indicators, volumetric solutions, buffer solutions, colloids and membrane phenomena followed by experiments illustrating the physical and chemical properties of carbohydrates, proteins and lipins. Subsequently, the examination of hydrolytic and oxidative enzymes, gastric contents, tissues of the body, bile, milk and the investigations of blood and urine chemistry conclude the assigned experimental work.

The lectures treat of laboratory technic, the chemistry of indicators, hydrogen-ion concentration, the physical chemistry of the cell, osmosis, diffusion, dialysis, the law of mass action, reversible reactions, catalysis and enzymes. The following lectures refer to the metabolism of water, salts, other inorganic substances, carbohydrates, proteins and lipins, vitamins and deficiency diseases, dietary requirements, basal metabolism, acid-base balance and, finally, the secretions and excretions.

The conferences are conducted by one of the instructors and take the form of short, written examinations and informal oral quizzes.

PHARMACOLOGY AND MATERIA MEDICA

William Henry Schultz, Ph.B., Ph.D.	Professor of Pharmacology
O. G. Harne, A.B.	Associate Professor of Pharmacology
William Glenn Harne	Assistant in Pharmacology
Ruth Muser, A.B.	Assistant in Pharmacology

1. *Materia Medica and Pharmacology.* 56 hours required. The methods now used in presenting the subject-matter of Materia Medica and Prescription Writing have evolved as a result of some years of practical teaching. The science of Pharmacology has introduced methods of critical analysis in the choice of drugs proposed for use as medicine. As aids in determining the particular drugs chosen for study, use is made of the "United States Pharmacopoeia" and "New and Non-Official Remedies."

Official titles, whenever practicable, are expressed in English and all quantities are stated in terms of the metric system. The only way to get away from the unscientific system of English weights and measures, and from a Latin system which few ever learn correctly is to refuse to teach either one of them.

When possible, drugs are grouped according to their chemical composition and the influence of various radicals and side chains emphasized, whereas drugs, the chemistry of which is not definitely established, are grouped according to their dominant physiological action. Following the Pharmacology of a given group, their place in practical medicine is indicated, and the student is requested to prescribe same in suitable form. Thus a Materia Medica is developed throughout the course, based upon Pharmacological action of drugs.

2. *Systematic Pharmacology.* 96 hours required. Second year. In this portion of the course the student is taught Pharmacology as a pure science. The aim is to attain a mean between that which has a purely scientific bearing and that dominantly practical, so that both a critical attitude toward drugs and an understanding of the principles of dosage may be acquired. This is accomplished by lectures, quiz, conference and the following course of laboratory exercises.

3. *Pharmacodynamics.* 96 hours. Second year. This laboratory course runs parallel with Pharmacology 2. Many of

the most important problems of Immunology, Parasitic intoxications, and of Chemotherapy are essentially Pharmacological. In the first part of the course the experiments are upon normal animals, hence primarily toxocological in character. In the latter part of the course more and more emphasis is laid upon what is now designated as chemo-therapeutic index of drugs.

4. *Pharmacology of General and Local Anesthetics and Soporifics.* Four weeks, 3 lectures, 3 laboratory periods a week. This is a special course designed to meet the needs of physician and graduate nurse who wish to acquire a knowledge of the more recent developments in the pharmacology of depressant and sleep-producing drugs. The course is so arranged that those properly qualified may continue the work under expert anesthetists in the wards of the hospitals connected with the university. Professor Schultz.

5. *Research in Pharmacology and Chemo-Therapy.* Properly qualified students are admitted to the laboratory with a view to their carrying on original investigations in drug action. Thoroughly equipped laboratories are well adapted for postgraduate study and research in Pharmacology. Hours will be arranged to suit the applicant. Professor Schultz.

DEPARTMENT OF PATHOLOGY

Hugh R. Spencer, M.D.	Professor of Pathology
Standish McCleary, M.D.	Professor of Pathology
Sydney M. Cone, M.D.	Associate Professor of Pathology
Albert E. Goldstein, M.D.	Associate in Pathology
Robert B. Wright, M.D.	Associate in Pathology
Emile Duskes, M.D.	Associate in Pathology
M. Alexander Novey, M.D.	Instructor in Pathology
Monte Edwards, M.D.	Instructor in Pathology
Wm. S. Love, M.D.	Instructor in Pathology
A. A. Sussman, M.D.	Instructor in Pathology
Howard M. Bubert, M.D.	Instructor in Pathology
Leon Freedom, M.D.	Instructor in Pathology
Samuel Glick, M.D.	Assistant in Pathology
Vernon L. Norwood, M.D.	Assistant in Pathology
Benjamin Abeshouse, M.D.	Assistant in Pathology

Courses of instruction in Pathology are given during the second and third years. These courses are based on previous study of normal structure and function and aim to outline the natural history of disease. Instruction is made as practical as possible that the student may become familiar with the appearance of tissues in disease and may be able to correlate anatomical lesions with clinical symptoms and signs.

1. *General Pathology and Histo-Pathology.* This course is given to second-year students. It includes the study and demonstration of disturbances of the body fluids, disturbances of structure, nutrition and metabolism of cells, disturbances of fat, carbohydrate and protein metabolism, disturbances in pigment metabolism, inflammation and tumors. The laboratory course consists in a daily preliminary talk on the subject for study, following which the student takes up the study of microscopical sections. Gross material from autopsy and from the museum is demonstrated in conjunction with the microscopical sections.

2. *Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology.* Third-year student: In this course the special relationship of the gross and microscopical lesions to clinical symptoms and signs is emphasized. Fresh material from autopsy collected at the various hospitals is demonstrated and supplemented by a study of the respective autopsy protocols.

3. *Autopsies.* Third Year. Autopsy technic is taught to small groups of students by special instruction at autopsies performed at the various hospitals. Students are required to assist at the autopsy, study the organs, examine the microscopical sections, make cultures and prepare autopsy protocols.

4. *Clinical Pathology Conference.* Fourth Year. In collaboration with the Department of Medicine. Material from autopsies is studied with reference to the correlation of the clinical aspects with the pathological findings.

5. *Advanced Work in Pathology.* Properly qualified students will be permitted to carry out advanced or research work along the lines of experimental pathology.

DEPARTMENT OF MEDICINE

Maurice C. Pincoffs, B.S., M.D.	Professor of Medicine
Gordon Wilson, M.D.	Professor of Medicine
Standish McCleary, M.D.,	Professor of Pathology and Clinical Medicine
Jos. E. Gichner, M.D.,	Professor of Clinical Medicine and Physical Therapeutics
Charles W. McElfresh, M.D.	Professor of Clinical Medicine
G. Carroll Lockard, M.D.	Professor of Clinical Medicine
Harvey G. Beck, Sc.D., M.D.	Professor of Clinical Medicine
Paul W. Clough, B.S., M.D.	Associate Professor of Medicine
C. C. W. Judd, A.B., M.D.	Associate Professor of Medicine
Sydney R. Miller, M.D.	Associate Professor of Medicine
Walter A. Baetjer, A.B., M.D.	Associate Professor of Medicine
Harry M. Stein, M.D.	Associate Professor of Medicine
H. D. McCarty, M.D.	Associate Professor of Clinical Medicine
Wm. H. Smith, M.D.	Associate Professor of Clinical Medicine
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
S. Lloyd Johnson, M.D.	Assistant Professor of Medicine
John G. Huck, M.D.	Assistant Professor of Medicine
George McLean, M.D.	Assistant Professor of Medicine
C. C. Habliston, M.D.	Assistant Professor of Medicine
Reed Rockwood, A.B., M.S., M.D.	Assistant Professor of Medicine
L. A. M. Krause, M.D.	Associate in Medicine
Bartus T. Baggott, M.D.	Associate in Medicine
H. R. Peters, M.D.	Associate in Medicine
H. M. Bubert, M.D.	Associate in Medicine
R. C. Metzel, M.D.	Associate in Clinical Medicine
W. I. Messick, M.D.	Associate in Clinical Medicine
William Michel, M.D.	Instructor in Medicine
Edward Novak, M.D.	Instructor in Medicine
W. S. Love, Jr., A.B., M.D.	Instructor in Medicine
A. A. Sussman, M.D.	Instructor in Medicine
Wetherbee Fort, M.D.	Instructor in Medicine
F. T. Kyper, M.D.	Instructor in Medicine
M. G. Gichner, M.D.	Instructor in Medicine
William A. Strauss	Instructor in Medicine
Septima C. Smith, A.M., Sc.D.	Instructor in Medicine
W. H. Woody, M.D.	Assistant in Medicine
J. S. Eastland, M.D.	Assistant in Medicine
R. Hooper Smith, M.D.	Assistant in Medicine

GENERAL OUTLINE

Second Year

Introduction to clinical medicine.

- (a) Introductory physical diagnosis.
  (1 hour a week, first semester.)
  (2 hours a week, second semester.)
- (b) Medical clinics.
  (1 hour a week, second semester.)

Third Year

I. The methods of examination (13 hours a week).
  - (a) History taking.
  - (b) Physical diagnosis.
  - (c) Clinical pathology.

These subjects are taught and practiced in the out-patient department and in the clinical laboratory.

II. The principles of medicine (7 hours a week).
  - (a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics and preventive medicine.

III. The principles of therapeutics (2 hours a week).
  Lectures and demonstrations in general therapeutics, physical therapeutics and materia medica.

Fourth Year

The practice of medicine.

I. Clinical clerkship on the medical wards.
  (26 hours a week for ten weeks.)
  - (a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.
  - (b) Ward classes in general medicine, the medical specialties, and therapeutics.

II. Clinics in general medicine and the medical specialties.
  (6 hours a week.)

III. Dispensary work in the medical specialties.

IV. Clinical pathological conferences (1 hour a week.)

Medical Dispensary Work

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two periods a week of two hours each in dispensary work. The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Physical Diagnosis

Second Year. Didactic lectures and practical demonstrations in topographical anatomy and normal physical signs.

Third Year. The class is divided into small groups, and each section receives instruction for four hours a week for the entire session in the medical dispensaries of the hospitals. The large clinical material of the dispensaries and hospitals is utilized to give each student the opportunity to familiarize himself with the common types of bodily structure, with the normal variations in physical signs and with the physical signs of the chief pulmonary, circulatory and abdominal diseases.

Therapeutics

Third Year. General therapeutics and materia medica are taken up and an effort is made to familiarize the student with the practical treatment of disease. The special therapy of the chief diseases is then reviewed. Two hours a week. Dr. Lockard.

The principles of physical therapy are taught in a special lecture and demonstration course consisting of six one-hour periods. Dr. Gichner.

Fourth Year. Special consideration is given to the practical application of therapeutic principles in bedside teaching and the chief therapeutic methods are demonstrated.

Tuberculosis

During the third year in connection with the instruction in physical diagnosis a practical course is given weekly to sections of the class at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

Syphilis

Third Year. During the third year the subject of syphilis will be dealt with in the lecture course.

Fourth Year. An elective course in the therapeutic management of syphilis will be offered in the dispensary.

CLINICAL PATHOLOGY

John G. Huck, M.D.	Assistant Professor of Medicine Head of Department of Clinical Pathology
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
M. G. Gichner, M.D.	Instructor in Medicine
William A. Strauss, M.D.	Instructor in Medicine
Septima C. Smith, A.M., Sc.D.	Instructor in Medicine
R. Hooper Smith, M.D.	Assistant in Medicine

During the third year the student is thoroughly drilled in the technique of the usual clinical laboratory work, so that he is able to perform all routine examination which may be called for during his fourth year, in connection with the work in the wards and dispensary.

The practical work is supplemented by a series of didactic lectures and demonstrations in which the entire teaching staff of the department takes an active part. The microscopical and chemical study of blood, exudates and transudates, gastric juice, spinal fluid, feces and urine are successively taken up, and special attention directed to the clinical significance of the findings.

Clinical parasitology from the standpoint of the infecting agent and the carrier is given careful consideration.

The entire course is thoroughly practical. Each student is provided with a microscope, blood counters and hemoglobinometer for his exclusive use, and every two students with a special laboratory outfit for all routine purposes.

During the fourth year the student applies what he has learned during the preceding year in the laboratories of the various affiliated hospitals. He is also supplied with a laboratory outfit which is sufficiently complete to enable him to work independently of the general equipment. Special instructors are available during certain hours to give necessary assistance and advice.

GASTRO-ENTEROLOGY

Julius Friedenwald, A.M., M.D.	Professor of Gastro-Enterology
T. Fred Leitz, M.D.	Clinical Professor of Gastro-Enterology
J. Harry Ullrich, M.D.	Assistant Professor of Gastro-Enterology
Theodore H. Morrison, M.D.	Assistant Professor of Gastro-Enterology
Maurice Feldman, M.D.	Associate in Gastro-Enterology
Zachariah Morgan, M.D.	Associate in Gastro-Enterology
Joseph Sindler, M.D.	Instructor in Gastro-Enterology
M. S. Koppelman, M.D.	Instructor in Gastro-Enterology
N. J. Davidov, M.D.	Instructor in Gastro-Enterology
Albert Eisenberg, M.D.	Instructor in Gastro-Enterology
I. S. Zinberg, M.D.	Instructor in Gastro-Enterology
Joseph N. Zierler, M.D.	Instructor in Gastro-Enterology
Isidore I. Levy, M.D.	Instructor in Gastro-Enterology
Leo T. Brown, M.D.	Assistant in Gastro-Enterology
C. Vance Hooper, M.D.	Assistant in Gastro-Enterology

Fourth Year. Clinics, recitations and demonstrations to the class for one hour a week throughout the session. Dispensary instruction to small groups throughout the entire session. Practical instruction in the differential and clinical diagnosis and demonstrations of the newer methods of diagnosis in gastro-intestinal affections.

PSYCHIATRY

R. M. Chapman, M.D.	Professor of Psychiatry
H. S. Sullivan, M.D.	Associate Professor of Psychiatry
Harry Goldsmith, M.D.	Instructor in Psychiatry

Third Year. In the third year the student attends fifteen clinical lectures and five clinics which are designed to be introductory to the more intensive work in psychiatry in the fourth year.

Fourth Year. The class is divided into sections for clinical conferences on selected groups of cases. Each student works for a short period as assistant in the Mental Hygiene Clinic, and thus gains practical experience of the problems of history-taking, examination, and the care of psychiatric patients.

PEDIATRICS

Charles L. Summers, M.D.	Professor of Pediatrics
Edgar B. Friedenwald, M.D.	Professor of Clinical Pediatrics
C. Loring Joslin, M.D.	Associate Professor of Pediatrics
John H. Traband, M.D.	Associate in Pediatrics
William J. Todd, M.D.	Instructor in Pediatrics
Clarence E. Macke, M.D.	Instructor in Pediatrics
F. Stratner Orem, M.D.	Instructor in Pediatrics
William G. Geyer, M.D.	Instructor in Pediatrics
Albert Jaffe, M.D.	Instructor in Pediatrics
George A. Knipp, M.D.	Instructor in Pediatrics
Bernard J. Ferry, M.D.	Instructor in Pediatrics
I. J. Feinglos, M.D.	Instructor in Pediatrics
Frederick B. Dart, M.D.	Instructor in Pediatrics
R. M. Hening, M.D.	Assistant in Pediatrics
Marie Kovner, M.D.	Assistant in Pediatrics
J. J. McGarrell, M.D.	Assistant in Pediatrics
Clewell Howell, M.D.	Assistant in Pediatrics
Samuel Wolfe, M.D.	Assistant in Pediatrics
Samuel Glick, M.D.	Assistant in Pediatrics
Elizabeth Sherman, M.D.	Assistant in Pediatrics
M. N. Putterman, M.D.	Assistant in Pediatrics
A. H. Finkelstein, M.D.	Assistant in Pediatrics

Third Year: Instruction during the third year consists of one lecture each week in which infant feeding and the most important diseases of infancy and childhood are especially emphasized. Drs. Sumners and Friedenwald.

Fourth Year. During this year a weekly clinical lecture is given where the character of disease is fully demonstrated and the students are afforded an opportunity for personal examination of all cases. In addition, ward classes are held weekly where bedside instruction is given. A section of the class also works daily at the Babies' and Children's Clinic. This clinic, which is under the direction of Dr. Summers, has a yearly attendance of more than twenty thousand, and offers an excellent opportunity for study and observation of a wide variety of cases under competent instructors.

Instruction is also given on the Children's Ward at the Mercy Hospital.

NEUROLOGY

Irving J. Spear, M.D.	Professor of Neurology
Andrew C. Gillis, A.M., M.D., LL.D.	Professor of Neurology
G. M. Settle, A.B., M.D.,	Associate Professor on Neurology and Clinical Medicine
Benjamin Pushkin, M.D.	Associate Professor of Clinical Neurology
Milford Levy, M.D.	Associate in Neurology
Robert Hodes, M.D.	Assistant in Neurology

Third Year. Lectures and recitations one hour each week to the entire class. Instruction in clinical neurology two hours a week at the City Hospital to small groups. By means of didactic lectures and clinical conferences, there are considered the commoner types of diseases of the nervous system, the methods of neurological examination, and the relationship of signs and symptoms to pathological conditions. The material at University and Mercy Hospitals is available.

Fourth Year. Clinical Conference, one hour each week to the entire class. This subject is taught at the University and Mercy Hospitals. All cases presented at these clinics are carefully examined; complete written records are made by the students who demonstrate the cases before the class. The cases are usually assigned one or two weeks before they are presented, and each student in the class must prepare one or more cases during the year.

Ward Class Instruction. In small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the cases in the wards under the supervision of the instructor.

Dispensary Instruction. Small sections are instructed in the dispensaries of the University and Mercy Hospitals four afternoons each week. In this way students are brought into contact with nervous diseases in their earlier as well as later manifestations.

HYGIENE AND PREVENTIVE MEDICINE

C. Hampson Jones, M.D., C.M.,	Professor of Hygiene and Public Health
V. L. Elliott, M.D.	Instructor in Hygiene and Public Health
M. G. Tull, M.D.	Instructor in Hygiene and Public Health

THIRD YEAR. Two lectures a week throughout the session. The lectures will encompass the fundamental subjects: Air, Water, Soil, Food, Disposal of Wastes, Communicable Diseases, State and Federal Public Health Laws, and Industrial Diseases. Small groups visit the Sydenham Hospital weekly and are given practical instruction in the diagnosis, treatment and isolation of the contagious diseases.

FOURTH YEAR. Small groups visit the City Board of Health Laboratories for practical instruction in the laboratory field and administrative aspects of public health work.

MEDICAL JURISPRUDENCE

H. J. MALDEIS, M.D.	Associate Professor of Medical Jurisprudence Baltimore City Post Mortem Physician

FOURTH YEAR. One hour each week for one semester.

Inasmuch as Medical Jurisprudence teaches the application of every branch of medical knowledge to the needs of the law, civil or criminal, this course embraces the following: Proceedings in criminal and civil prosecution; medical evidence and testimony; identity in its general relations; sexual abnormalities; personal identity; impotence and sterility; rape; criminal abortions; signs of death; wounds in their medico-legal relations; death, natural and homicidal; malpractice; insanity and medico-legal autopsies.

DEPARTMENT OF SURGERY

ARTHUR M. SHIPLEY, Sc.D., M.D.	Professor of Surgery
ALEXIUS MCGLANNAN, A.M., M.D.	Professor of Surgery
JOSEPH H. BRANHAM, M.D.	Professor of Clinical Surgery
NATHAN WINSLOW, A.M., M.D.	Clinical Professor of Surgery
PAGE EDMUNDS, M.D.	Clinical Professor of Industrial Surgery
WALTER D. WISE, M.D.	Clinical Professor of Surgery
JOSEPH W. HOLLAND, M.D.	Clinical Professor of Surgery
FRANK S. LYNN, M.D.	Clinical Professor of Surgery
ELLIOT H. HUTCHINS, A.M., M.D.	Clinical Professor of Surgery
THOMAS R. CHAMBERS, A.M., M.D.	Associate Professor of Surgery
R. W. LOCHER, M.D.,	Associate Professor of Operative and Clinical Surgery
CHARLES REID EDWARDS, M.D.	Associate Professor of Surgery
A. M. EVANS, M.D.	Associate Professor of Surgery

F. L. Jennings, M.D.	Associate Professor of Surgery
E. H. Hayward, M.D.	Associate in Surgery
E. S. Johnson, M.D.	Associate in Surgery
C. A. Reifschneider, M.D.	Associate in Surgery
M. J. Hanna, M.D.	Associate in Surgery
H. M. Foster, M.D.	Instructor in Surgery
F. X. Kearney, M.D.	Instructor in Surgery
Charles W. Maxson, M.D.	Instructor in Surgery
C. F. Horine, M.D.	Instructor in Surgery
Monte Edwards, M.D.	Instructor in Surgery
D. J. Passagno, M.D.	Instructor in Surgery
Dwight Mohr, M.D.	Assistant in Surgery
Wm. R. Geraghty, M.D.	Assistant in Surgery
S. Demarco, M.D.	Assistant in Surgery
Clyde Marvel, M.D.	Assistant in Surgery
I. O. Ridgely, M.D.	Assistant in Surgery
H. M. McElwain, M.D.	Assistant in Surgery
J. G. Onnen, M.D.	Assistant in Surgery
W. R. Johnson, M.D.	Assistant in Surgery
James Brown, M.D.	Assistant in Surgery
E. W. Hanrahan, A.B., M.D.	Assistant in Surgery
A. V. Buchness, M.D.	Assistant in Surgery
Karl J. Steinmueller, A.B., M.D.	Assistant in Surgery
H. F. Bongardt, M.D.	Assistant in Surgery

The teaching is done in the Anatomical Laboratory and the dispensaries, wards, clinical laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and dead-house of the Baltimore City Hospital.

Instruction is given by means of lectures, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year, and continues throughout the third and fourth years.

Second Year

Topographic and Surgical Anatomy. 10 hours a week for the first semester. The course is designed to bridge the gap between anatomy in the abstract, and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected when necessary to bring out outlines and relations of structures.

Didactic Lectures. Two hours a week for one semester, augmented by demonstrations with specimens, charts, and cross section. Dr. Holland.

Laboratory. Eight hours a week for the first semester. Dr. Hanna, assisted by Drs. Brady, Hundley, Warfield, Boyd and Mr. Clark.

Principles of Surgery. This course includes history taking, records of physical examinations and of operations and progress notes; the preparation of surgical dressings, suture materials and solutions. It includes inflammation, infections, ulcers, gangrene, fistulae and sinuses, hemorrhage and shock; the use of splints, bed frames, bone plates, bone grafts, etc., local anaesthesia and the preparation of patients for operations. Lectures and conferences. Two hours per week for one semester to the entire class. Dr. Edwards.

Third Year

General and Regional Surgery. Principles of surgery and general surgery, three hours a week throughout the year to the entire class, lectures, recitations and clinics. Dr. Shipley.

The class is divided into groups and receives instruction in history-taking, gross pathology, and surgical diagnosis—at the bedside and in the dead-house of the Baltimore City Hospital. Drs. Shipley, Lynn and Reifschneider.

Operative Surgery. Instruction is given in operative surgery upon the cavader and on dogs. The class is divided into sections, and each section is given practical and individual work under the supervision of the instructors. Dr. Frank S. Lynn, assisted by Drs. Nathan Winslow, Hayward, E. S. Johnson, Foster, Geraghty, Demarco, Horine, Pessagno, Onnen, Maxson, W. R. Johnson, Buchness, Hanrahan, Brown, Steinmueller and Segrist.

Fractures and Dislocations. Twenty-four hours to the entire class. This course consists of instruction in the various forms of fractures and dislocations and their treatment, and serves as a preparatory course for clinical work. Drs. Wise and Jennings.

Surgical Dispensary. Under supervision, the student takes the history, makes the physical examinations, attempts the diagnosis, and, as far as possible, carries out the treatment of the ambulatory surgical cases in the University and in the Mercy Hospitals. Mercy Hospital—Drs. Dwight Mohr, Ridgley, Passagno, Bongardt and McElwain. University Hospital—Drs. Holland, Lynn, Nathan Winslow, Edwards, E. S. Johnson and Foster.

Fourth Year

Clinics. A weekly clinic will be given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Dr. McGlannan. University Hospital—Dr. Shipley.

Surgical Pathology. A weekly exercise of one hour at Mercy Hospital for one semester, at which specimens from the operating-room and museum are studied in the gross and microscopically, in relation with the case history. Dr. McGlannan.

Industrial Surgery. Operative and post-operative treatment of accident cases, with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. Edmunds.

Clinical Clerkship. The personal study of assigned hospital patients, under supervision of the staffs of University and of Mercy Hospitals, history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

Ward Classes. Ward class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. McGlannan, Wise, Elliot Hutchins, Evans and Jennings. University Hospital—Drs. Shipley, Holland, Edmunds, Lynn and Edwards.

ANAESTHESIA

Second Year

Lectures on history of anaesthesia: Ancient and Modern. General physiology of anaesthesia. Special physiology of each anaesthetic agent. Different methods for producing general anaesthesia, with a detailed description of each. The selection of the anaesthetic and method best suited for its administration in particular cases. Difficulties and accidents during and following anaesthesia, their causes, prevention and control. Different methods of resuscitation. Blood pressure: Its significance and bearing on selection of the anaesthetic and use as a guide during anaesthesia.

Eight hours to the entire class. Drs. S. Griffith Davis and W. G. Queen.

Fourth Year

During the clinics and operations before small groups, each student will be required to observe the administration of anaesthetics and to keep a chart recording blood pressure, pulse and respiration under the direction of an instructor.

DERMATOLOGY

T. Caspar Gilchrist, M.R.C.S., M.D.	Professor of Dermatology
Melvin Rosenthal, M.D.	Associate Professor of Dermatology
Harry M. Robinson, M.D.	Associate Professor in Dermatology
John R. Abercrombie, A.B., M.D.	Associate in Dermatology
A. C. Monninger, M.D.	Assistant in Dermatology
Harry Wasserman, M.D.	Assistant in Dermatology

Clinical conferences one hour each week to entire class. This course will consist of demonstrations of the common diseases of the skin. Dr. Gilchrist.

Dispensary instruction, University Hospital, Mondays, Wednesdays and Fridays in the diagnosis and treatment of the common skin diseases. Drs. Abercrombie, Robinson and Gately. Dispensary instruction, Mercy Hospital. Dr. Rosenthal.

ORTHOPEDIC SURGERY

R. Tunstall Taylor, A.B., M.D.	Professor of Orthopaedic Surgery
Albertus Cotton, A.M., M.D.	Professor of Orthopaedic Surgery
Compton Riely, M.D.	Clinical Professor of Orthopaedic Surgery
Harry L. Rogers, M.D.	Associate in Orthopaedic Surgery
Clement R. Monroe, M.D.	Associate in Orthopaedic Surgery
Clifford Lee Wilmoth, A.B., M.D.	Associate in Orthopaedic Surgery
Harry L. Wheeler, M.D.	Instructor in Orthopaedic Surgery
Moses Gellman, M.D.	Instructor in Orthopaedic Surgery
Arnold Lawson Jensen, B.Sc., M.D.	Instructor in Orthopaedic Surgery

In this course didactic, clinical, bedside and out-patient instruction will be given. This instruction is provided in the University Hospital Amphitheatre, Mercy Hospital and Dispensary and Kernan Hospital and Industrial School for Crippled Children at "Radnor Park" and in the Dispensary of same at 620 West Lombard Street.

Lectures or clinics will be held at each of the hospitals named in town once a week. In addition, a weekly bedside clinic will be held for small sections of the class at "Radnor Park" and Mercy Hospital. Sectional quizzes are held at stated intervals with mid-year and final examinations.

The course will cover instruction in the special methods of examination, pathology, diagnosis and treatment in this specialty. X-ray interpretation will be stressed. The lectures will cover:

Tuberculosis of the spine, bones and joints; non-tuberculous affections of the spine, bones and joints; fractures, non-union, mal-union, pyogenic infections, malignancy, abnormalities and the arthritides. Arthrodesis and arthrolysis. Rickets and scurvy. Osteomalacia, chondro-dystrophies and osteitis deformans. Torticollis and the paralyses. Bursal, tendinous and muscular affections. Surgery of the hands and feet.

A brief outline and demonstration will also be given of the apparatus employed in Physiotherapy in using Actinotherapy, Thermotherapy, Electrotherapy, Hydrotherapy, Massage and Corrective Gymnastics in treating bone, joint and muscular disabilities.

ROENTGENOLOGY AND RADIOTHERAPY

Henry J. Walton, M.D.	Professor of Roentgenology
Albertus Cotton, M.D.	Professor of Roentgenology
Charles Reid Edwards, A.B., M.D.	Associate in Radio Therapy
Howard E. Ashbury, M.D.	Associate in Roentgenology

Instruction is given in the history, physics, and practical application of Roentgen Rays and Radium. Especial effort is made to demonstrate the use of the Roentgen Ray in diagnosis by instruction in both fluroscopy and plate reading. The sections of the fourth-year class receive two hours' instruction each week.

The student is also taught the practical application of Radium and Roentgen Rays as therapeutic agents. In the X-Ray laboratory and in the hospital wards students are shown the use of these agents in the treatment of disease.

DISEASES OF THE THROAT AND NOSE

EDW. A. LOOPER, M.D.__Clinical Prof. of Diseases of the Throat and Nose
W. F. ZINN, M.D.___Associate Professor of Diseases of Throat and Nose
FRANK B. ANDERSON, M.D.__Associate in Diseases of the Throat and Nose
R. F. MCKENZIE, M.D.____Instructor in Diseases of the Throat and Nose

THIRD YEAR. Instruction to entire class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures are illustrated by lantern slides. Dr. Looper.

FOURTH YEAR. Dispensary instruction daily to small sections at the University and the Mercy Hospitals. The student is given opportunity to study, diagnose and treat practical cases under an instructor. Ward classes and clinical demonstrations are given one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

GENITO-URINARY DISEASES

ANTON G. RYTINA, A.B., M.D.____Professor of Genito-Urinary Diseases
W. H. TOULSON, A.B., M.Sc., M.D.,
Associate Professor of Genito-Urinary Diseases
HARRIS GOLDMAN, M.D.__________Associate in Genito-Urinary Diseases
AUSTIN H. WOOD, M.D.___________Associate in Genito-Urinary Diseases
A. J. GILLIS, M.D.______________Associate in Genito-Urinary Diseases
L. K. FARGO, M.D.______________Instructor in Genito-Urinary Diseases
MONTE EDWARDS, M.D.__________Instructor in Genito-Urinary Diseases
H. C. KNAPP, M.D.______________Assistant in Genito-Urinary Diseases
H. T. COLLENBERG, M.D.__________Assistant in Genito-Urinary Diseases
J. H. COLLISON, M.D.____________Assistant in Genito-Urinary Diseases
L. J. MILLAN, M.D.______________Assistant in Genito-Urinary Diseases
WILLIAM EMRICH, M.D.__________Assistant in Genito-Urinary Diseases
T. WILLIS GUYTON, M.D.__________Assistant in Genito-Urinary Diseases
K. D. LEGGE, M.D.______________Assistant in Genito-Urinary Diseases

THIRD YEAR. 8 hours to the entire class. This course is a didactic one in the principles of Genito-Urinary Surgery. Dr. Toulson.

FOURTH YEAR. The course includes urethroscopy, cystoscopy, ureter catheterization, renal functional tests, urography, urine cultures, etc. The teaching consists of clinics in the amphitheater, ward rounds, and attendance by members of the Senior class upon our patients in the dispensary. The dispensary classes are carried on both at the Mercy and the University Hospital dispensaries. In the latter institution the Maryland State Department of Health conducts a venereal-disease clinic, in which 20,133 visits were paid last year. Every variety of venereal disease is here incountered, and this rich wealth of material is available for teaching purposes. In addition to this, a cystocopic clinic is conducted in another part of the dispensary, where the students are given practical instruction in the modern diagnostic methods.

DISEASES OF THE COLON AND RECTUM

G. MILTON LINTHICUM, A.M., M.D., Professor of Diseases of Rectum and Colon
CHARLES F. BLAKE, M.D.____Professor of Diseases of Rectum and Colon
J. DAWSON REEDER, M.D., Associate Professor of Diseases of Rectum and Colon
L. J. ROSENTHAL, M.D., Associate Professor of Diseases of Rectum and Colon
MONTE EDWARDS, M.D._____Instructor in Diseases of Rectum and Colon

THIRD YEAR. 6 hours to the entire class. This course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and will cover the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Linthicum.

The class is divided into sections for clinical instruction in the Baltimore City Hospital. Dr. Linthicum.

FOURTH YEAR. Ward and Dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope and examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Blake and Rosenthal. University Hospital—Drs. Linthicum and Reeder.

BRONCHOSCOPY AND ESOPHAGOSCOPY

Waitman F. Zinn, M.D.
Associate Professor of Diseases of Throat and Nose

1. Clinical Lectures and Demonstrations once weekly at University and Mercy Hospitals.

Etiology, symptomatology, diagnosis and prohylaxis of foreign bodies in the air and food passages. Bronchoscopy as an aid in the diagnosis and treatment of diseases of the lungs. Bronchoscopy as an aid to the surgeon. Diseases of the trachea. Diseases of the esophagus. All the phases of these subjects that the general practitioner should know are demonstrated clinically.

DEPARTMENT OF OBSTETRICS

J. M. H. Rowland, M.D.	Professor of Obstetrics
George W. Dobbin, M.D.	Professor of Obstetrics
L. H. Douglass, M.D.	Professor of Clinical Obstetrics
Bernard Purcell Muse, M.D.	Professor of Clinical Obstetrics
Charles E. Brack, M.D.	Clinical Professor of Obstetrics
J. McF. Bergland, M.D.	Associate Professor of Obstetrics
E. P. Smith, M.D.	Associate in Obstetrics
Emil Novak, M.D.	Associate in Obstetrics
J. G. M. Reese, M.D.	Instructor in Obstetrics
Dudley Pleasants Bowe, M.D.	Instructor in Obstetrics
J. G. Murray, Jr., A.B., M.D.	Instructor in Obstetrics
M. A. Novey, A.B., M.D.	Instructor in Obstetrics
Maurice Lazenby, M.D.	Instructor in Obstetrics
J. J. Erwin, M.D.	Instructor in Obstetrics
Isadore H. Siegel, A.B., M.D.	Instructor in Obstetrics

Third Year. Three lectures and recitations each week by Drs. Dobbin, Bergland, Novak, Murray, Douglass and Rowland to entire class. Manikin Work, Drs. Brack, Smith and Erwin to sections of class at Mercy Hospital, and Drs. Douglass, Reese, Bowe, Novey and Rowland at University Hospital.

Fourth Year. Clinical Conference. One hour each week. Drs. Rowland, Douglass, Murray and Lazenby.

Ward Classes. Six hours per week for five weeks to sections of class at University Hospital. Drs. Douglass, Reese, Bowe, Novey and Rowland at University Hospital.

DEPARTMENT OF GYNECOLOGY

William S. Gardner, M.D.	Professor of Gynecology
J. Mason Hundley, M.D.	Professor of Clinical Gynecology
Hugh Brent, M.D.	Associate Professor of Gynecology
Abraham Samuels, M.D.	Associate Professor of Gynecology
Geo. A. Strauss, M.D.	Associate in Gynecology
R. G. Willse, M.D.	Associate in Gynecology
T. K. Galvin, M.D.	Associate in Gynecology
J. M. Hundley, Jr., M.D.	Associate in Gynecology
Leo. Brady, M.D.	Associate in Gynecology

Third Year. *Didactic Work.* A course of thirty lectures and recitations.

Clinical Work. Six hours weekly for one trimester. In this course the student writes the clinical history of each patient in the ward, makes a general physical examination, including the blood and urine, before the patient is brought before the class. One student under supervision gives the anaesthetic, a pelvic examination is made by six students, and any operation required is then done before a section of the class small enough to see clearly what is being done and how it is done. On a subsequent day the whole group examine microscopically sections prepared from material removed from patients that have been before them.

DEPARTMENT OF OPHTHALMOLOGY AND OTOLOGY

Harry Friedenwald, A.B., M.D.	Prof. of Ophthalmology and Otology
J. W. Downey, M.D.	Clinical Professor of Otology
M. Randolph Zahn, M.D.	Clinical Professor of Ophthalmology
H. K. Fleck, M.D.	Associate in Ophthalmology
Joseph I. Kemler, M.D.	Associate in Ophthalmology

Third Year. First semester, *Course in Diseases of the Eye.* September 28th to January 23rd. Dr. Randolph Kahn.

Course in Diseases of the Ear, second semester. Dr. Downey.

Practical Course in Ophthalmoscopy, once weekly, in sections. Dr. Kemler.

Fourth Year. *Clinics in Diseases of the Eye and Ear,* weekly. Drs. Harry Friedenwald and Downey.

Ward Studies of ocular and aural lesions associated with general medical diseases, once weekly in sections. Dr. Friedenwald.

Dispensary Instruction, daily to small sections. Drs. Downey, Kahn, Fleck and Kemler.

The courses in Ophthalmology and Otology are designed to familiarize the students with the common diseases of the eye and ear, their recognition and treatment, with a view to meet the needs of the general practitioner. Special emphasis is laid upon the relation between diseases of the eye and the ear and systematic diseases and diseases of other organs.

THE HISTORY OF MEDICINE

JOHN RATHBONE OLIVER, A.B., M.D., Ph.D.

Professor of the History of Medicine

The general lectures on the History of Medicine which were given last year and which ended with Vessalius and the revival of learning will be continued at dates and hours to be announced later. The lectures this year will cover the 17th, 18th and part of the 19th Century. They will be illustrated, as heretofore, by lantern slides made especially for the lectures and by the showing of all important books connected with the subjects mentioned by the Lecturer. It is also proposed to form, if possible, a small group of students who will be willing to give an hour a week to a deeper study of some period in the History of Medicine, probably the Middle Ages. It is hoped that this group, if formed, may be able to meet in one of the rooms of the Medical and Chirurgical Library, where the members of the group can be brought into immediate contact with all the literature available for the period to be studied. This group will, therefore, constitute a sort of pre-seminary and will be open only to men who have attended the lectures already given. The time and the place of meeting of this group will be determined upon after the group itself has been formed.

FIRST YEAR SCHEDULE—First Semester, 1927-1928

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9 to 10	Biological Chemistry C. H.	Laboratory Histology & Embryology P. & S. 32	Laboratory Histology & Embryology P. & S. 32	Laboratory Histology & Embryology P. & S. 32	Biological Chemistry C. H.	Anatomy Laboratory & C. H.
10 to 11	Laboratory Biological Chemistry Section B				Laboratory Biological Chemistry Section A	
11 to 12.00				Lunch and Transfer		
12 M. to 1 P. M.		Lunch and Transfer	Lunch and Transfer			
1 to 1.30	Lunch			Biological Chemistry A. H.	Lunch	
1.30 to 2	Anatomy C. H., A. H., & Laboratory	Anatomy A. H., & Laboratory	Anatomy C. H., A. H., & Laboratory		Anatomy C. H., A. H., & Laboratory	
2 to 4.30				Anatomy C. H., A. H., & Laboratory		
4.30 to 5						

FIRST YEAR SCHEDULE—Second Semester, 1927-1928

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Biological Chemistry C. H.	Laboratory Histology & Embryology P. & S. 32	Laboratory Histology & Embryology P. & S. 32	Laboratory Histology & Embryology P. & S. 32	Biological Chemistry C. H.	Anatomy Laboratory & C. H.
9.30 to 10.30	Laboratory Biological Chemistry Section B				Laboratory Biological Chemistry Section A	
10.30 to 11.30				Transfer		
11.30 to 12.30 P. M.		Physiology P. & S. 34	Lunch and Transfer	Physiology A. H.		
12.30 to 1	Lunch	Lunch and Transfer		Lunch	Lunch	
1 to 1.30				Biology Chemistry A. H.		
1.30 to 2	*Anatomy C. H., A. H., & Laboratory	Anatomy A. H., & Laboratory	Anatomy C. H., A. H., & Laboratory		Anatomy C. H., A. H., & Laboratory	
2 to 4.30				Anatomy C. H., A. H., & Laboratory		
4.30 to 5						

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall—Lower Hall, N. E. Cor. Lombard and Greene Streets.
Anatomy Laboratory—Third Floor, Gray Laboratory, Lombard and Greene Streets.
Biological Chemistry Laboratory—Third Floor, Dental Building, Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.
* Neural Anatomy after April 9, 1928.

SECOND YEAR SCHEDULE—First Semester, 1927-1928

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9 to 10	Biological Chemistry C. H.	Laboratory Biological Chemistry Section B Physiology Section A	Physiology A. H.	Laboratory Biological Chemistry Section A Pharmacology Section B	Biological Chemistry C. H.	
10 to 11	Physiology C. H.		Biological Chemistry A. H. Pharmacology A. H.		Pharmacology C. H.	Physiology A. H.
11 to 12	Pathology C. H.				Pathology C. H.	Pharmacology A. H.
12 M. to 12.30 P. M.	Lunch	Lunch and Transfer	Lunch and Transfer	Surgery C. H.	Surgery C. H.	
P. M. 12.30 to 1		Laboratory Immunology & Serology P. & S. 32	Laboratory Immunology & Serology P. & S. 32			
1 to 1.30	Laboratory Pharmacology Section A Physiology Section B			Lunch and Transfer	Lunch and Transfer	
1.30 to 2.30				Medicine P. & S. 33	Immunology & Serology P. & S. 34	
2.30 to 3.30				Laboratory & P. & S. 33 Surgical Anatomy	Laboratory & P. & S. 33 Surgical Anatomy	
3.30 to 4		Laboratory P. & S. Surgical Anatomy	Laboratory P. & S. Surgical Anatomy			
4 to 5.30						

SECOND YEAR SCHEDULE—Second Semester, 1927-1928

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Biological Chemistry C. H.	Laboratory Biological Chemistry Section B Physiology Section A	Physiology A. H.	Laboratory Biological Chemistry Section A Pharmacology Section B	Biological Chemistry C. H.	
9.30 to 10.30	Physiology C. H.		Biology Chemistry A. H.		Pharmacology C. H.	Physiology A. H.
10.30 to 11.30	Pathology C. H.		Pharmacology A. H.		Pathology C. H.	Pharmacology A. H.
11.30 to 12.00	Lunch	Lunch	Lunch	Lunch	Lunch	
P. M. 12 to 1	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Medical Clinic Amp.
1 to 2						
2 to 3	Laboratory Pharmacology Section A	Laboratory Pharmacology Section A Physiology Section B	Physical Diagnosis Univ. Hosp. Disp.	Laboratory Pharmacology Section B Physiology Section A	Laboratory Pharmacology Section B	
3 to 4						
4 to 5						

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall—Lower Hall, N. E. Cor. Lombard and Greene Streets.
Laboratories:
  Biological Chemistry—Third Floor, Dental Building, Lombard and Greene Streets.
  Pathology—Third Floor, Dental Building, Lombard and Greene Streets.
  Pharmacology—Second Floor, Gray Laboratory, Lombard and Greene Streets.
  Physiology—First Floor, Gray Laboratory, Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital, S. W. Cor. Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Srteets. Rooms indicated on Second and Fourth Floors.

THIRD YEAR SCHEDULE

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Therapeutics A. H.	Pathology C. H.	Medicine C. H.	Surgery C. H.	Pathology A. H.	Surgery C. H.
9.30 to 10.30	Obstetrics A. H.	Surgery C. H.	Obstetrics C. H.	Medicine C, H.	Medicine A. H.	Therapeutics C. H.
10.30 to 1 P. M.	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch
1 to 2	Medical Clinic Amp.	Surgery C. H.	Neurology P. & S. 33	Gynecology P. & S. 34	1.15 to 4.15 Clinical Pathology Laboratory P. & S. 32	Transfer
2.15 to 3.15	Pathology Laboratory	Pathology Laboratory	2.30-4.30 Section A Clinical Medicine Surgery Gross Pathology at Bay View	* 2 to 3.15 Eye P. & S. 34		2-4 Section B Clinical Medicine Surgery Gross Pathology at Bay View
3.15 to 4.15				Clinical Pathology P. & S. 34		
4.15 to 5.15	Pediatrics A. H.	* Obstetrics C. H. ** Ear C. H.	2.15-4.15 Section B Group Work Ophthalmoscopy Practical Obstetrics Univ. Hosp.	Preventive Medicine Legal Medicine Mental Hygiene P. & S. 34	Preventive Medicine P. & S. 34	

From 10.30 A. M. to 1.00 P. M. the class is divided into two sections, one section reporting at Calvert and Saratoga Streets, the other at Lombard and Greene Streets.

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.

A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.

Amp.—Amphitheatre—University Hospital, S. W. Cor. Lombard and Greene Streets.

P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

At the beginning of the second semester Section "A" at Bay View on Saturdays, 2-4 P. M., and University Hospital on Wednesdays, 2.15-4.15 P. M.; Section "B" at Bay View on Wednesdays, 2.30-4.30 P. M.

* First Semester.

** Second Semester.

FOURTH YEAR SCHEDULE

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 11.00	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery
11.00 to 12.00	Orthopaedic Surgery Univ. Sec. Amp. P. & S. Sec. 51	Medical Clinic Univ. Sec. Amp. Surgical Pathology P. & S. Sec. 40	Clinical Pathological Conference Univ. Sec. C. H. P. & S. Sec. 33	Surgical Clinic Univ. Sec. Amp. P. & S. Sec. 51	Medical Clinic Univ. Sec. Amp. P. & S. Sec. 33	Pediatrics Clinic Univ. Sec. Amp. P. & S. Sec. 33
P. M. 12 to 2	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lu Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary
2.15 to 3.15	Dermatology Clinic (Full Class at Univ. Hosp.) Amp.	Neurology Clinic Univ. Sec. Amp. P. & S. Sec. 33	Eye and Ear Clinic (Full Class at Univ. Hosp.) Amp.	Obstetrical Clinic (Full Class at Univ. Hosp.) Amp.	Gastro-Enterology Clinic (Full Class at Univ. Hosp.) Amp.	Genito-Urinary Clinic P. & S. Sec. 51
3.30 to 5.00	P. & S. Sec. Ward Classes Medicine Urology Eye and Ear	Ward Classes Therapeutics Proctology Radiotheraphy	P. & S. Sec. Ward Classes Medicine Roentgenology Preventive Medicine	Ward Classes Medicine Nose & Throat Physical Therapeutics	Ward Classes Orthopaedic Surgery Neurology Psychiatry	
3.30 to 5.00	Univ. Sec. Ward Classes Medicine Urology		Univ. Sec. Ward Classes Medicine Roentgenology Eye and Ear	5 to 6 P. M. March, April and May History of Medicine C. H.		

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets, for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

FIRST SEMESTER	SECOND SEMESTER
1st period, Sept. 26—Oct. 29.	1st period, Jan. 23—Feb. 25.
2nd period, Oct. 31—Dec. 3.	2nd period, Feb. 27—April 8.
3rd period, Dec. 5—Jan. 21.	3rd period, April 10—May 13.

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital.
P. & S., 33, 34—Second Floor, Calvert and Saratoga Streets.
P. & S., 40, 51—Fourth Floor, Calvert and Saratoga Streets.

REQUIREMENTS FOR MATRICULATION

Admission to the course in medicine is by a completed Medical Student Certificate issued by the Registrar of the University of Maryland. This certificate is obtained from the Registrar on the basis of satisfactory educational credentials, and is essential for admission to any class.

The minimum requirements for the issuance of the Medical Student Certificate are:

(a) The completion of a standard four-year high school course or the equivalent, and, in addition, at least

(b) Two years or sixty semester hours of college credits, including chemistry, biology, physics and English.

Women are admitted to the School of Medicine of this University.

(A) HIGH SCHOOL REQUIREMENTS

Graduation from an accredited high or preparatory school, after pursuing a four-year course based upon an eight-year elementary course, or its full equivalent as demonstrated by entrance examinations.

At least fifteen units must be offered‡.

SCHEDULE OF SUBJECTS REQUIRED OR ACCEPTED FOR ENTRANCE TO THE PREMEDICAL COLLEGE COURSE

Subjects	Units*	Required
GROUP I, ENGLISH—(I—II—III—IV)—		
Literature and Composition	3	3
GROUP II, FOREIGN LANGUAGES—		
Latin	2–4	2†
Greek	2–3	
French or German	2–4	
Other foreign languages	2–4	
GROUP III, MATHEMATICS—		
Elementary algebra	1	1
Advanced algebra	½–1	--
Plane geometry	1	1
Solid geometry	½	--
Trigonometry	½	--

GROUP IV, HISTORY—		
Ancient history	1	1
Medieval and modern history	1	
English history	1	
American history	½–1	
Civil government	½–1	
GROUP V, SCIENCE—		
Botany	½–1	1
Zoology	½–1	
Chemistry	1	
Physics	1	
Physiography	½–1	
Physiology	½–1	
Astronomy	½	
Geology	½–1	
GROUP VI, MISCELLANEOUS—		
Agriculture	1–2	--
Bookkeeping	½–1	--
Business law	½	--
Commercial geography	½–1	--
Domestic science	1–2	--
Drawing, freehand and mechanical	½–2	--
Economics and economic history	½–1	--
Manual training	1–2	--
Music: Appreciation or harmony	1–2	--

* A unit is the credit value of at least thirty-six weeks' work of four or five recitation periods per week, each recitation period to be not less than forty minutes. In other words, a unit represents a year's study in any subject in a secondary school constituting approximately a quarter of a full year's work. A satisfactory year's work in any subject cannot be accomplished under ordinary circumstances in less than 120 sixty-minute hours, or their equivalent.

† Both of the required units of foreign language must be of the same language, but the two units may be presented in any one of the languages specified.

‡ Of the fifteen units of high school work, nine units are required, as indicated in the foregoing schedule; the remainder may be made up from any of the other subjects in the schedule, provided that at least eleven units must be offered in Group I-V.

(B) DETAILS OF THE COLLEGE REQUIREMENT

a. The preliminary college course shall extend through two college sessions of at least thirty-two weeks each of actual instruction, including final examinations.

b. In excellence of teaching and in content, the work of this preliminary college course shall be equal to the work done in the freshman and sophomore years in standard colleges and universities.

c. This preliminary college course shall include courses in physics, chemistry, biology and English, each course to embrace at least six, eight or twelve hours of work in each subject, as shown in the schedule following:

SCHEDULE OF SUBJECTS OF THE TWO-YEAR PREMEDICAL COLLEGE COURSE

Sixty Semester Hours Required

REQUIRED COURSES:	*Semester Hours*
Chemistry (a)	12
Physics (b)	8
Biology (c)	8
English Composition and Literature (d)	6

COURSES STRONGLY URGED:

A modern foreign language
Comparative vertebrate anatomy
Psychology
Social science

A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be of not less than fifty minutes' duration net, at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

(a) CHEMISTRY. Twelve semester hours required of which at least eight semester hours must be in general inorganic chemistry, including four semester hours of laboratory work, and four semester hours in organic chemistry, including two semester hours of laboratory work. In the interpretation of this rule, work in qualitative analysis may be counted as general inorganic chemistry.

(b) PHYSICS. Eight semester hours required, of which at least two must be laboratory work. This course presupposes a knowledge of plane trigonometry.

(c) BIOLOGY. Eight semester hours required, of which four must be laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology, or by courses of four semester hours each in zoology and botany, but not by botany alone.

(d) ENGLISH COMPOSITION AND LITERATURE. The usual introductory college course of six semester hours, or its equivalent, is required.

COMBINED COURSE IN ARTS AND MEDICINE

A combined seven years' curriculum is offered, leading to the degrees of Bachelor of Science and Doctor of Medicine. The first three years are taken in residence at College Park, and the last four years in Baltimore, at the School of Medicine. The premedical curriculum constitutes the first two years' work, and the third year follows a general outline of prescribed and elective courses approved by the chairman of the premedical committee and the dean of the College of Arts and Sciences.

Upon the successful completion of the first year in the School of Medicine, and upon the recommendation of the dean, the degree of Bachelor of Science may be conferred by the College of Arts and Sciences at College Park.

Students are urged to consider carefully the advantages this combination course offers over the minimum requirements of the two years. By completing three years the training may be gradually broadened by a wider latitude in the election of courses in the arts subjects.

POST-GRADUATE STUDENTS

Graduates in medicine desiring to take the work of the senior year without being candidates for the degree, and, therefore, without examination, may receive a certificate of attendance on completing the full course satisfactorily.

The requirements for graduates in medicine admitted to the fourth-year class as candidates for the degree of Doctor of Medicine are the same as those enforced against undergraduates admitted to advanced standing.

Summer Post-Graduate Courses—In the April number of the Bulletin detailed announcement will be made of the Post-graduate Summer Courses.

RULES

1. All students are required to take the spring examinations unless excused by the Dean. No student will be permitted to advance from a lower to a higher class with conditions.

2. Should a student be required to repeat any year in the course, he must pay regular fees.

3. A student failing in final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and to take examination in such other branches as may be required should he again be permitted to enter the school as a candidate for graduation.

4. The general fitness of a candidate for graduation will be taken into consideration by the Faculty as well as the results of his examination.

5. All students entering the School of Medicine of the University of Maryland are required to provide themselves with microscopes of a satisfactory type.

A standard microscope of either Bausch & Lomb, Leitz, Spencer Lens or Zeiss make, fitted with the following attachments, will fill the requirements:

Triple nose piece	10 x and 5 x Oculars
Wide aperture stage	16mm. and 4mm. Objectives
Quick screw condenser (Abbe)	1.9mm. 1.25 N.A. Oil Immersion Lens

All the above rules, as well as the fees stated below, relate to the year ending June 2, 1928, only. The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the Faculty deem it expedient.

FEES

Matriculation fee (paid once)	$10.00
Tuition fee (each year) for residents of Maryland	300.00
Tuition fee (each year) for non-residents	400.00
Laboratory fee (each year)	20.00
Special and re-examination fee	5.00
Graduation fee	10.00

No fees are returnable.

The above fees apply to all students who matriculate in this institution in any class for the session beginning September 26th, 1927.

All students, after proper certification, are required to register at the Registrar's Office. The last date of registration is October 3rd, 1927.

Matriculation, laboratory and tuition fees for the first semester shall be paid at the time of registration, and for the second semester on or before February 4th, 1928.

Failure to meet these conditions will automatically debar the student from attendance on classes and other privileges of the University.

Students who fail to pay the tuition and other fees on or before the last day of registration for each term or semester, as stated in the catalogue, will be required to pay as an addition to the fees required the sum of Five ($5.00) Dollars, and if the payment so required shall not be paid before twenty (20) days from the beginning of said term or semester, the student's name shall be stricken from the rolls.

Students who are minors are considered to be resident students, if at the time of their registration their parents or guardians have been residents of this state for at least one year.

Adult students are considered to be resident students, if at the time of their first registration they have been residents of this state for at least one year.

The status of the residence of a student is determined at the time of his first registration in the University, and may not thereafter be changed by him unless, in the case of a minor, his parents or guardians move to and become legal residents of this state.

PRIZES AND SCHOLARSHIPS

FACULTY PRIZE

To stimulate study among the candidates for graduation, the Faculty offers a Gold Medal to the candidate who secures the highest average during the four years of his course. Certificates of Honor are awarded to the five candidates standing next highest.

DR. JOSE L. HIRSH MEMORIAL PRIZE

A prize of $50.00 is given each year by Mrs. David Myers as a memorial to the late Dr. Jose L. Hirsh, formerly Professor of Pathology in this School, to the student in the third year who has done the most satisfactory work in Pathology during his second and third years.

SCHOLARSHIPS

The Dr. Samuel Leon Frank Scholarship

(Value, $125.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this University.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Medical Council "to a medical student of the University of Maryland, who in the judgment of said Faculty, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school, and no student may hold such scholarship for more than two years.

The Charles M. Hitchcock Scholarships

(Value, $125.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the University.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University upon nomination by the Medical Council to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Faculty satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

The Randolph Winslow Scholarship

(Value, $125.00)

This scholarship was established by Prof. Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Medical Council, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Medical Council that he is worthy of and in need of assistance."

The Dr. Leo Karlinsky Scholarship

(Value, $200.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of this University.

The scholarship is awarded to a second-year student who at the end of the first year passes the best examination in Anatomy, Histology, Embryology and Bacteriology.

The University Scholarships

Two scholarships are awarded by the University. One to a student of the College of Arts and Sciences appointed by the President, to be held for only one year; the other, which entitles the holder to exemption from payment of the tuition fee of the year, is awarded annually by the Medical Council to a student of the Senior Class who presents to the Medical Council satisfactory evidence that he is of good moral character and is worthy of and in need of assistance to complete the course.

Frederica Gehrmann Scholarship

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and entiles the holder to exemption from payment of tuition fees. The scholarship is awarded to a third-year student who at the end of the second year passes the best practical examination in Anatomy, Physiology, Biological Chemistry, Pharmacology, Pathology, Immunology and Serology.

The Clarence and Genevra Warfield Scholarships

(Valuation, $300.00 each)

There are five scholarships established by the Regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships will be available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited or in a county selected by the Council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Council, the money advanced by the Regents shall be refunded. A bond in the amount of $1,200, the expense of which is borne by the Fund, must be filed by the student accepting one of these scholarships for faithful performance of the conditions imposed.

Israel and Cecilia E. Cohen Scholarship

(Value, $250.00)

This scholarship was established by Miss Eleanor S. Cohen in memory of her parents, Israel and Cecilia E. Cohen. Terms and conditions:

This scholarship will be available to students of any one of the classes of the course in Medicine; preference is given to students of the counties of the State of Maryland which the

Medical Council may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the Council.

ANNUAL HOSPITAL APPOINTMENTS

On February 1st of each session the following annual appointments are made from among the graduates of the school:

TO THE UNIVERSITY HOSPITAL

Two Resident Surgeons
Two Resident Physicians
One Resident Gynecologist
Two Resident Obstetricians
Thirteen Junior Residents on a Rotating Service

A number of students are appointed each year, at the close of the session, as Clinical Assistants in the University Hospital for the summer months.

TO THE MERCY HOSPITAL

Chief Resident Physician
One Assistant Resident Physician
Chief Resident Surgeon
Five Assistant Resident Surgeons
One Resident Gynecologist
One Resident Obstetrician
Eight Junior Residents on a Rotating Service

NOTICE TO STUDENTS

The personal expenses of the students are at least as low in Baltimore as in any large city in the United States. The following estimates of a student's personal expenses for the academic year of eight months have been prepared by students, and are based upon actual experience:

Items	*Low*	*Average*	*Liberal*
Books	$50	$75	$100
College Incidentals	20	20	20
Board, eight months	200	250	275
Room rent	64	80	100
Clothing and laundry	50	80	150
All other expenses	25	50	75
Total	$409	$556	$720

Students will save time and expense upon their arrival in the city by going direct to the School of Medicine on the University grounds, N. E. corner of Lombard and Greene Streets, where the Secretary of Student Y. M. C. A., who may be found at his office on the premises, will furnish them with a list of comfortable and convenient boarding-houses suitable to their means and wishes.

The Dean will, if desired, attend to the collection of checks and drafts for students.

For further information, apply to

J. M. H. Rowland, M.D., *Dean,*
Lombard and Greene Streets.

MATRICULATES, UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS, 1926-1927

FOURTH-YEAR CLASS

Adzima, Joseph Matthew------Connecticut
Aptaker, Albert Jack-----------New York
Armacost, Joshua Harper--------Maryland
Ball, Claude Russell, B.S.-----West Virginia
Bankhead, John Marion, B.S. South Carolina
Basil, George Chester, Ph.G.------Maryland
Belsky, Hyman-----------------New York
Benesunes, Joseph George, A.B.--Maryland
Bialostosky, Julius, B.S.----------New York
Birnbaum, Joseph Osias---------New York
Cadden, John Francis, Jr.----West Virginia
Carey, Thomas Nelson-----------Maryland
Chase, William Wiley, A.B.------Maryland
Cohen, Bernard Julius, Ph.G.-----Maryland
Cohen, Morris Daniel------------New York
Condry, Raphael Joseph, B.S.-West Virginia
Covington, Elijah Eugene---North Carolina
Davis, Henry Vincent-----------Maryland
Donchi, Sol Marvin, B.S.--------New Jersey
Eliason, Harold William-----West Virginia
Feldman, Jacob-----------------New York
Fidler, Kemp Ardvern, B.S.--West Virginia
Finkelstein, Abraham Harry----New York
Friedman, Meyer Henry -------New Jersey
Garner, Wade Hampton, B.S.------Alabama
Gellar, Abraham, B.S.------------New York
Gill, Charles Edward--------------Delaware
Gillis, Francis Winfred ----------Maryland
Ginsberg, Henry ----------------Maryland
Glick, Bernard ----------------New Jersey
Goldberg, Isidore --------------New Jersey
Goldstein, Milton Joseph---------New York
Heisley, Rowland S.---------------Maryland
Hewitt, John Frank, A.B.---------Maryland
Hoke, Dwight Moody, B.S.----West Virginia
Hummel, Ira Lee Cottrell------New Jersey
Johnson, Jesse Raymond, B.S. West Virginia
Kahan, Philip J.----------------New York
Karns, Clyde Filmore, B.S.--------Maryland
Kayser, Fayne Albert, B.S.---West Virginia
Klawans, Maurice Francis--------Maryland
Kutner, Charles ---------------New Jersey
Lassman, Samuel, B.S.-----------New York
Lazow, Sol M.-------------------New York
Lenson, Byruth King-------------Maryland
Leyko, Julius Joseph, A. B.-------Maryland
Lilly, Goff Platt-------------West Virginia
Mattikow, Bernard, B.S.----------New York
Milhoan, Asa Wade, B.S.-----West Virginia
Misenheimer, Edd Alexander-North Carolina
Moran, John Edward, Ph.G.--Massachusetts
Morris, Francis Kailer, A.B.------Maryland
Nussbaum, Samuel---------------New York
Peake, Clarence William----------Kentucky
Phillips, John Roberts, A.B.-------Maryland
Reifschneider, Herbert Eilert, A.B. Maryland
Saffell, James Glenn-------------Maryland
*Schnierer, Samuel Benjamin----New York
Schwedel, John Bernard----------Maryland
Sparta, Anthony Joseph------Pennsylvania
Staton, Hilliard Vincent----North Carolina
Stonesifer, Charles Hiram, A.B.--Maryland
Strayer, Helen Clymer, A.B.-------Maryland
Swank, James Levy, B.S.------Pennsylvania
Swartzwelder, Wallace Ray---Pennsylvania
Talbot Henry Pierce--------------Alabama
Tayloe, Gordon Bennett, A.B. North Carolina
Teague, Francis Bailey------------Virginia
Thompson, Thomas Payne, A.B.--Maryland
Tollin, Louis -----------------New Jersey
Totterdale, William Grainger, A.B. Maryland
Tumminello, Salvatore Anthony--Maryland
Upton, Hiram Eugene, B.S.--------Vermont
Voigt, Herman Albert, Ph.G.------Maryland
Von Schulz, Augustine Paul------Maryland
Wack, Frederic Van Deursen, B.S. New Jersey
Waesche, Frederick Seton, A.B.--Maryland
Whittington, Claude Thomas North Carolina
Williams, Palmer Francis C., B.S. Maryland
Wilner, Joseph Walter-----------New York
Wollak, Theodore ---------------Maryland
†Yarbrough, Oscar D. ------------Alabama
Zinn, Ralph Howard, B.S.----West Virginia

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*Deceased.

†Did not complete year.

THIRD-YEAR CLASS, 1926-1927

Baer, Adolph--------New York
Bailey, Hugh Alvin, A.B.----South Carolina
Bedri, Marcel Rechtman--------Palestine
Berger, William Adolph, B.S.---New Jersey
Bernhard, Robert --------New York
Blecherman, Irving Ezra--------New York
Bonelli, Nicholas William--------New Jersey
Brager, Simon --------Maryland
Chor, Herman, A.B.--------Maryland
Christian, William--------Pennsylvania
Clemson, Earle Princeton--------Maryland
Duckwall, Frederick Mooman-West Virginia
Duncan, George Andrew, B.S.-West Virginia
Friedman, Bernard--------New York
Garred, Herbert William, B.S. West Virginia
Gelber, Jacob Saul--------Rhode Island
George, Jessie Ethelwyn, B.S.-West Virginia
Goldberg, Victor, Ph.G.--------Maryland
Goodman, Jerome Edward, Ph.G.-Maryland
Greer, Creed Collins, B.S.----West Virginia
Grollman, Aaron Isaac, B.S.--------Maryland
Gulck, George Krohn, B.S.--------Denmark
Gundry, Lewis Perkins, A.B.--------Maryland
Hankin, Samuel Jacob --------Maryland
Hayes, Paul --------Maryland
Herold, Lewis Jacob, Ph.G.--------New York
Johnson, Walter Brenaman, A.B.-Maryland
Jones, Henry Alvan, Ph.G.--------Maryland
Kaminsky, Philip --------New York
Kaufman, Israel, B.S.--------New York
Kohn, Theodore, B.S.--------South Carolina
Lampert, Hyman --------New York
Lamstein, Jacob Irving, B.S.----New York
Laukaitis, Joseph George--------Maryland
Lerner, Morris--------New York
Levinsky, Maurice --------Connecticut
Levinson, Louis Jack--------New York
Levy, Walter Howard--------New York
Limbach, Earl Frederick, A.B.--------Ohio
Litsinger, Edward Andrew, B.S. West Virginia
Little, Luther Emmanuel, Ph.G.---Maryland
Littman, Irving Isaac--------Maryland
Lyon, Isadore Bernard, A.B.--------Maryland
Mace, John, Jr., B.S.--------Maryland
Maddi, Vincent Michael, A.B.----New York
Maged, Alan John, A.B.--------New York
McCenney, Robert Sadler, A.B.---Maryland
McDowell, Roy Hendrix, A.B. North Carolina
McFaul, William Neal, Jr., A.B. Maryland
McGee, William Buster, B.S.-West Virginia
Mee, Robert Amos, A.B., B.S. New Hampshire
Meister, Aaron--------New York
Merksamer, David, A.B.--------New York
Merlino, Frank Anthony--------New Jersey
Messina, Vincent Michael--------Maryland
Mostwill, Ralph--------New Jersey
Neuman, Finley Frederick, A.B.--------Ohio
Piacentine, Pasquale Anthony----New York
Pileggi, Peter --------New Jersey
Rascoff, Henry--------New York
Rich, Benjamin Sunderland, A.B.-Maryland
Roetling, Carl Paul--------Maryland
Rosen, Marks Julius--------New York
Rubenstein, Hyman Solomon, Ph.G. Maryland
Rutter, Joseph Howard--------Florida
Saffron, Morris Harold, A.B.---New Jersey
Sardo, Samuel Philip, B.S.----Pennsylvania
Shaw, Cecil Curry, A. B.--------Alabama
Silver, Abraham Alfred--------Connecticut
Singer, Jack Jerome--------Maryland
Smoot, Aubrey Cannon, A.B.--------Maryland
Smoot, Merrill Clayville, B.S.--------Maryland
Stacy, Theodore Edwin, Jr., Ph.G. Pennsylvania
Tannenbaum, Morris, B.S.--------New York
Taylor, Charles Vivian, A.B.--------Maryland
Temple, Levi Wade, Jr., B.S. South Carolina
Tenner, David, Ph.G. --------Maryland
Tkach, Nathan Hersh--------New York
Varney, William Henry--------Maryland
Vernaglia, Anthony Paul Joseph-New York
Vogel, S. Zachary--------New York
Volenick, Leo Joseph--------New York
*Walter, Frank Pierce--------Maryland
Warner, Carroll Gardner, A.B.----Maryland
Weintraub, Fred Siegfried, B.S. Pennsylvania
Weisenfeld, Nathan, B.S.--------Connecticut
Weiss, Aaron--------New York
Wells, Samuel Robert, B.S.---West Virginia
Wilkerson, Albert Russell, Ph.G.---Maryland
Wolf, Frederick Samuel--------Maryland
Wurzel, Milton --------New Jersey
Zimmerman, Frederick Thomas, A.B. Pennsylvania

*Deceased.

SECOND-YEAR CLASS, 1926-1927

Abramowitz, Max, B.S.	New York
Ackerman, Jacob Harold, A.B.	New York
Alessi, Silvio A., Ph.G.	Maryland
Anderson, Walter Anders, D.D.S., Ph.G.	Maryland
Bardfeld, Benjamin	New Jersey
Barland, Samuel, Jr., B.S.	New York
Benson, Alvan Homer	Maryland
Birely, Morris Franklin, A.B.	Maryland
Bongiorno, Henry Domenic, Ph.G.	New Jersey
Botsch, Bernard, B.S.	Ohio
Bowen, James Poore, B.S.	South Carolina
Brauer, Selig Leo	New Jersey
Calas, Andres Eladio	Cuba
Chambers, Earl LeRoy	Maryland
Chapman, William Hardee	Maryland
Ciccone, Arnold William	Rhode Island
Cohen, Herman	New Jersey
Cohen, Jacob Harry, A.B.	Maryland
Cohen, Paul Henry, A.B.	Maryland
Coppola, Matthew Joseph, B.S.	New York
Corsello, Joseph Nicholas, B.S.	New York
Dailey, William Paul	Pennsylvania
DeBarbieri, Fred Louis, A.B.	Pennsylvania
Draper, William Bateman	Maryland
Farbman, Meyer David, B.S.	New York
Fargo, William Russell, A.B.	Maryland
Fatt, Henry Charles, B.S.	New Jersey
Feingold, Charles, B.S.	New York
Feit, Emanuel, B.S.	New York
Fifer, Jesse Showalter, A.B.	Delaware
Fiocco, Vincent James, B.S.	New York
Garber, Jacob S.	New York
Givner, David, A.B.	Maryland
Gouldman, Edwin Foster, B.S.	Virginia
Guiglia, Sascha Facchetti	New York
Haney, John James	New Jersey
Heck, Leroy Savin, B.S., Ph.G.	Maryland
Horowitz, Morris, A.B.	Massachusetts
Husted, Samuel Harley	New Jersey
Jackson, Murray Elliot, B.S.	New York
Jacobs, Abraham, B.S.	New York
Kelly, Clyde Ernest, A.B.	Pennsylvania
Kirschner, Abe Edward, A.B.	New York
Knight, Walter Philip	Pennsylvania
Levi, Ernest, Ph.G.	Maryland
Lukesh, Stephen Michael	Pennsylvania
Lynn, Irving, B.S.	New Jersey
Lynn, John Galloway 3rd, B.S.	Maryland
McAndrew, Joseph Theodore	West Virginia
McGowan, Joseph Francis	Pennsylvania
Matsumura, Junichi	Hawaii
Meranski, Israel, B.S.	Connecticut
Morgan, Isaac J.	Pennsylvania
Murphy, John Edward	Pennsylvania
Neistadt, Isidore Irving, A.B.	Maryland
Newman, Saul Charles, B.S.	Connecticut
Nickman, Emanuel Harrison	New Jersey
O'Dea, John Francis, A.B.	New York
Osborn, Adam Downey	New Jersey
Overton, Lewis Marvin, A.B.	North Carolina
Penchansky, Samuel Joseph, B.S.	New Jersey
Porterfield, Maurice Coleman	Maryland
Prager, Benjamin, B.S.	New York
Quinn, Thomas Francis	Pennsylvania
Reeder, Paul Arlington, B.S.	West Virginia
Reilly, John Vincent	New Jersey
Roberts, Eldred, B.S.	Maryland
Safer, Jake Victor	Florida
Safford, Henry Towne, Jr.	Texas
Schreiber, Morris Bernard	New York
Schwartzbach, Saul, A.B.	New York
Seibel, Jack, B.S.	New York
Sekerak, Raymond Andrew	Connecticut
Serra, Lawrence Mario, Ph.G.	Maryland
Sikorsky, Albert Edward, A.B.	Maryland
Silver, Mabel Irene, B.S.	Maryland
Soifer, Albert Alexander, B.S.	Maryland
Solomon, Milton, B.S.	New York
Speicher, Wilbur Glenn	Maryland
Spencer, Ernest	Maryland
Spurrier, Oliver Walter, A.B.	Maryland
Staton, Leon Raphael, A.B.	North Carolina
Stevenson, Charles Calvert	Utah
Sullivan, William Joseph	Rhode Island
Ullrich, Henry Franz	Maryland
Vann, Homer King	Florida
Wallack, Charles Albert, B.S.	New Jersey
Ward, Hugh Walter, A.B.	Maryland
Yudkoff, William, B.S.	New Jersey

FIRST-YEAR CLASS, 1926-1927

Aiau, Chadwick Kanekoa	Hawaii
Alexander, Hattie Elizabeth, A.B.	Maryland
Anderson, Lucile Russell, A.B.	Tennessee
Aronofsky, Milton Robert, Ph.B.	Connecticut
Ashman, Harry, B.S.	New York
Bamberger, Beatrice, A.B.	Maryland
Baumgardner, George Martin	Maryland
Baumgartner, Eugene Irving	Maryland
Baylus, Meyer Milby, Ph.G.	Maryland
Belinkin, William, B.S.	New York
Benfer, Kenneth Louis, A.B.	Maryland
Berkowitz, Rudolph	New York
Berman, Henry Irving	Maryland
Blum, Joseph Sydney, Ph.G.	Maryland
*Brannan, Francis Carroll, B.S.	Maryland
Brayshaw, Thomas Henry	Maryland
Burns, John Howard	Maryland
*Cerilli, Guido James, Ph.B.	Rhode Island
Cheritz, William, B.S.	New Jersey
*Clayman, David Stanford, Ph.G.	Maryland
Cohen, Archie Robert, Ph.G.	Maryland
Cohen, Irvin Joseph, Ph.G.	Maryland
Cohen, Max Hurston, Ph.G.	Maryland
*Cohen, Paul, A.B.	New Jersey
Demarco, Salvatore Joseph, A.B.	Maryland
Di Paula, Robert Salvatore, A.B.	Maryland
Donohue, Bernard Walker, A.B.	Maryland
Durrett, Clay Earl, B.S.	Maryland
Faw, Wylie Melvin, Jr.	Maryland
Feman, Jacob George, A.B.	New York
Fisher, Samuel	New Jersey
Flescher, Julius, Ph.G.	Maryland
*Friedman, Reuben Abe	Maryland
*Fuhrman, William Nelson	Maryland
Garey, James Lyman	Pennsylvania
Garfinkel, Abraham, B.S.	New York
Gerner, Harry Ezekiel, B.S.	New Jersey
Gersten, Paul Francis	New York
Ginsberg, Leon, Ph.D., M.A., A.B.	New York
Goldman, Lester Milton, B.S.	New Jersey
Goldstein, Jacob Everett, B.S.	New York
Goodman, Julius Henry, Ph.G.	Maryland
Grove, Donald Birtner	Maryland
Hildenbrand, Emil John Christopher, B.S.	Maryland
Hornbaker, John Harlan	Maryland
Hudson, Rollin Carl, A.B.	Maryland
Jaklitsch, Frank Henry, B.S.	New York
Johnson, Marius Pitkin	Connecticut
Kaufman, Max, Ph.G.	New York
Kermisch, Albert, Ph.G.	Maryland
Kleinman, Abraham Morris, B.S.	New York
Kovarsky, Albert Elias, A.B.	New Jersey
Kraemer, Samuel Harry, B.S.	New Jersey
Kremen, Abraham, A.B.	Maryland
Kuhn, Esther Frances, A.B.	Maryland
Lang, Abraham, B.S.	New York
Levin, Morton Loeb, Ph.G.	Maryland
Levy, Solomon, A.B.	Palestine
Lewandoski, Henry Charles	Maryland
Lewis, Frank Russell	Maryland
*McDonald, Thomas Kenneth, B.S.	Maryland
McDowell, Harold Clyde, B.S.	North Carolina
McElwee, Murray James	Pennsylvania
McGreevy, Joan Frances	District of Columbia
Magovern, Thomas Francis	New Jersey
Mansdorfer, George Bowers, B.S.	Maryland
*Marianetti, Amerigo Lawrence	Rhode Island
Mednick, Benjamin William	New York
Miller, Benjamin Herman, A.B.	Maryland
Miller, Isaac	New Jersey
Miller, James Alton	Maryland
Montilla, Victor Jose	Porto Rico
Mortimer, Egbert Laird, Jr.	Maryland
Needle, Nathan E.	Maryland
Nocera, Francisco Paolo, Jr.	Porto Rico
Palmer, Thomas Valentine	North Carolina
Perlman, Robert, B.S.	New York
Post, Charles Gordon, Jr., A.B.	New York
Powell, Joseph Lawrence	Pennsylvania
*Rehmeyer, Walter Owen, B.S.	Pennsylvania
Reid, Francis Fielding, A.B.	Maryland
Rigdon, Wilson O., B.S.	Maryland
Rineberg, Irving Edward, B.S.	New Jersey
*Rohr, John Ambrose	Pennsylvania
Romano, Nicholas Michael	Pennsylvania
Rosenthal, Abner Herman, B.S.	New York
Rozum, John Charles	New York
Sanchez, Robert Louis, A.B.	New York
Sasscer, Buchanan Beale	Maryland
Schimunek, Emmanuel Aloysius, A.B.	Maryland
Schnabel, William Thomas, Ph.G.	Maryland
Sears, Joseph Everett, Ph.G.	Maryland
*Segal, Samuel Michael, A.B.	Pennsylvania
Shelley, Harry Sandberg, B.S.	Maryland
Shill, Benjamin, A.B.	New Jersey
Shulman, Louis Robert	Maryland
Smith, Joseph Jacob, A.B.	Connecticut
Snoops, George John, Jr., A.B.	Maryland
Snyder, Nathan, Ph.G.	Maryland
Soltroff, Jack Gerson, B.S.	Pennsylvania
Sperling, Nathaniel Mortimer, B.S.	New York
*Strezelecki, Edward Aloysius	New Jersey
Topchik, Irving, Ph.G.	New Jersey
*Wattenmaker, Hymen, Ph.G.	Pennsylvania
Weinstein, Jack, B.S.	New York
Werner, Aaron Seth	New York
Young, Ralph Funk	Maryland
Zeigler, Samuel, B.S.	New York

*Did not complete the year.

GENERAL SUMMARY OF STUDENTS ATTENDING THE UNIVERSITY OF MARYLAND
SESSION OF 1926-1927

College of Agriculture		123
College of Arts and Sciences		516
Regular	506	
Extension	10	
School of Dentistry		395
College of Education		273
Regular	131	
Extension	142	
College of Engineering		441
Regular	234	
Extension	207	
Graduate School		96
College of Home Economics		46
School of Law		452
School of Medicine		371
School of Nursing		110
School of Pharmacy		277
Summer School, 1926, College Park		477
Total		3,577
Duplications		65
Net Total		3,512

GRADUATES OF UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PRYSICIANS AND SURGEONS, JUNE 4, 1927

Adzima, Joseph Matthew-------Connecticut
Aptaker, Albert Jack-----------New York
Armacost, Joshua Harper--------Maryland
Ball, Claude Russell, B.S.-----West Virginia
Bankhead, John Marion, B.S. South Carolina
Basil, George Chester, Ph.G.------Maryland
Belsky, Hyman ---------------New York
Benesunes, Joseph George, A.B.--Maryland
Bialostosky, Julius, B.S.---------New York
Birnbaum, Joseph Osias---------New York
Cadden, John Francis, Jr.---West Virginia
Carey, Thomas Nelson-----------Maryland
Chase, William Wiley, A.B.-------Maryland
Cohen, Bernard Julius, Ph.G.------Maryland
Cohen, Morris Daniel-----------New York
Condry, Raphael Joseph, B.S.-West Virginia
Covington, Elijah Eugene---North Carolina
Davis, Henry Vincent------------Maryland
Donchi, Sol Marvin, B.S.--------New Jersey
Eliason, Harold William-----West Virginia
Feldman, Jacob ---------------New York
Fidler, Kemp Ardvern, B.S.--West Virginia
Finkelstein, Abraham Harry------New York
Friedman, Meyer Henry--------New Jersey
Garner, Wade Hampton, B.S.------Alabama
Gellar, Abraham, B.S.-----------New York
Gill, Charles Edward-------------Delaware
Gillis, Francis Winfred-----------Maryland
Ginsberg, Henry ----------------Maryland
Glick, Bernard ----------------New Jersey
Goldberg, Isidore--------------New Jersey
Goldstein, Milton Joseph---------New York
Heisley, Rowland S.--------------Maryland
Hewitt, John Frank, A.B.---------Maryland
Hoke, Dwight Moody, B.S.---West Virginia
Hummel, Ira Lee Cottrell------New Jersey
Johnson, Jesse Raymond, B.S. West Virginia
Kahan, Philip J.---------------New York
Karns, Clyde Filmore, B.S.--------Maryland
Kayser, Fayne Albert, B.S.--West Virginia
Klawans, Maurice Francis--------Maryland
Kutner, Charles---------------New Jersey
Lassman, Samuel, B.S.----------New York
Lazow, Sol M.-----------------New York
Lenson, Byruth King-------------Maryland
Leyko, Julius Joseph, A.B.--------Maryland
Lilly, Goff Platt------------West Virginia
Mattikow, Bernard, B.S.---------New York
Milhoan, Asa Wade, B.S.----West Virginia
Misenheimer, Edd Alexander-North Carolina
Moran, John Edward, Ph.G.--Massachusetts
Morris, Francis Kailer, A.B.-------Maryland
Nussbaum, Samuel--------------New York
Peake, Clarence William----------Kentucky
Phillips, John Roberts, A.B.-------Maryland
Reifschneider, Herbert Eilert, A.B. Maryland
Saffell, James Glenn-------------Maryland
Schwedel, John Bernard----------Maryland
Sparta, Anthony Joseph------Pennsylvania
Staton, Hilliard Vincent----North Carolina
Stonesifer Charles Hiram, A.B.---Maryland
Strayer, Helen Clymer, A.B.-------Maryland
Swank, James Levy, B.S.------Pennsylvania
Swartzwelder, Wallace Ray---Pennsylvania
Talbot, Henry Pierce-------------Alabama
Tayloe, Gordon Bennett, A.B. North Carolina
Teague, Francis Bailey------------Virginia
Thompson, Thomas Payne, A.B.--Maryland
Tollin, Louis -----------------New Jersey
Totterdale, William Grainger, A.B.-Maryland
Tumminello, Salvatore Anthony--Maryland
Upton, Hiram Eugene, B.S.--------Vermont
Voigt, Herman Albert, Ph.G.------Maryland
Von Schulz, Augustine Paul------Maryland
Williams, Palmer Francis C., B.S.-Maryland
Waesche, Frederick Seton, A.B.--Maryland
Whittington, Claude Thomas-North Carolina
Williams, Palmer Francis C., B.S. Maryland
Wilner, Joseph Walter----------New York
Wollak, Theodore ---------------Maryland
Zinn, Ralph Howard, B.S.---West Virginia

Honors

University Prize—Gold Medal—THOMAS NELSON CAREY

Certificates of Honor

CLARENCE WILLIAM PEAKE
CHARLES EDWARD GILL
MILTON JOSEPH GOLDSTEIN
JOSEPH OSIAS BIRNBAUM
JOHN FRANK HEWITT

In the third year the Dr. Jose L. Hirsch Memorial Prize of $50.00 was awarded to Charles Edward Gill for the best work in Pathology during the second and third years.

The Dr. Leo Karlinsky Memorial Scholarship awarded to the student in the Freshman Class with the highest standing was won by John Howard Burns.

ALUMNI ASSOCIATION SCHOOL OF MEDICINE

The Advisory Committee of the Alumni recommend the following members as officers for the year 1927-1928:

President

Frank Keating

Vice-Presidents

Dr. J. W. Holland

Dr. Henry Kolb

Dr. David E. Hoag

Secretary

Dr. Howard M. Bubert

Assistant Secretary

Dr. Nathan Winslow

Treasurer

Dr. M. LeRoy Lumpkin

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Dr. C. R. Edwards

Dr. E. P. Smith

Dr. J. Frank Kirby

Advisory Committee

Dr. Robert L. Mitchell, Chairman

Dr. Paul Brown

Dr. C. Habliston

Dr. I. S. Zinberg

Dr. Wm. R. Bridges

Hospital Committee

Dr. Griffith W. Davis

Dr. M. Linthicum

Alumni Council

Dr. Charles Bagley

Members of Editorial Committee

Dr. Howard M. Bubert

Dr. Emil Novak

Necrologist

Dr. Wm. S. Love

ENDOWMENT FUND

The following constitute the Board of Trustees of this Fund:

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Daniel Baker, Jr.
Horace M. Davis, D.C.D.
Robertson Griswold
Arthur M. Shipley, Sc.D., M.D.

This Board is incorporated by act of the Legislature of the State, its legal title being "The Trustees of the Endowment Fund of the University of Maryland," and is independent and self-perpetuating. Its powers are limited *to the expenditure of the interest derived from the fund,* which is to be applied in the discretion of the Board for the benefit of the University. Contributions, donations and bequests are solicited from Alumni and friends. They may be made to the general or University Fund, to the Medical Fund or to any other department of the University. If intended for the School of Medicine, they may be given to the general medical fund or to some special object, as building, research, library, pathology, hospital, publication, laboratories, gymnasium, scholarship, medal, prize, etc., in which case the wishes of the donor will be strictly regarded. Attention is invited to the "Charles Frick Research Fund," already established in memory of that distinguished investigator. Checks should be made payable to J. M. H. Rowland, Treas., Lombard and Greene Streets, Baltimore, Md.

FORMS OF DEVISE OR BEQUEST

To School of Medicine

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic------------------------------
(Here state amount or describe property)

To Endowment Fund

I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic---------
(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

FACULTY AND INSTRUCTORS

Superintendent of Nurses and Director of School of Nursing
Annie Crighton, R.N.

Assistant Superintendent of Nurses
Frances M. Branley, R.N.

Instructor in Nursing
Isobel Zimmerman, R.N.

Instructor in Nursing and Supervisor of Wards
Helen E. Wright, R.N.

Assistant Instructor in Nursing and Supervisor of Wards
Elizabeth Colbourne, R.N.

Instructor in Surgical Technique for Nurses and Supervisor of Operation Pavilion
Elizabeth Aitkenhead, R.N.

Instructor in Dietetics
Miriam Connelly

Instructor in Massage
Edith Walton

Instructor in Social Service
Grace Pearson, R.N.

Mary E. Saulsbury, R.N.	Night Supervisor
Jane Moffatt, R.N.	Supervisor, Dispensary
Reba Davis, R.N.	Head Nurse, Obstetrical Ward
Alice M. Bennett, R.N.	Head Nurse, Private Hall
Bertha Hoffman, R.N.	Head Nurse, Private Hall
Fernanda Dennis, R.N.	Head Nurses, Women's Ward
Helen Morgart, R.N.	Head Nurse, Men's Medical Ward
Elizabeth Cannon, R.N.	Head Nurse, Men's Surgical Ward
Ida Nagel, R.N.	Assistant in Operating Room
Charlotte Price, R.N.	Head Nurse, Children's Ward
Jane Scott, R.N.	Head Nurse, Accident Room
Margaret Fink, R.N.	Head Nurse, Men's Surgical Ward

LECTURES FROM THE SCHOOL OF MEDICINE

Anatomy
C. L. DAVIS, M.D.

Physiology
A. H. RYAN, M.D.

Bacteriology
F. W. HACHTEL, M.D.

Chemistry
FRANK N. OGDEN, M.D.

Materia Medica
W. H. SCHULTZ, Ph.B., Ph.D.

Medicine
MAURICE C. PINCOFFS, M.D.
J. S. HOGAN, M.D.
L. A. M. KRAUSE, M.D.
V. L. ELLIOTT, M.D.
C. HAMPSON JONES, M.D.

Pediatrics
CHARLES L. SUMMERS, M.D.

Psychiatry
R. MCCLURY CHAPMAN, M.D.

Skin and Veneral Diseases
HARRY M. ROBINSON, M.D.

Ophthalmology
HARRY FRIEDENWALD, M.D.

Otology
J. W. DOWNEY, M.D.

Surgery
JOSEPH L. HOLLAND, M.D.

Laryngology and Rhinology
E. A. LOOPER, M.D.

Gynecology
HUGH BRENT, M.D.

Orthopaedic Surgery
R. TUNSTALL TAYLOR, M.D.

Obstetrics
L. H. DOUGLASS, M.D.

Social Service
Special Lecturers

STUDENTS ENROLLED, 1926-1927

Post-graduate	1
Graduate	1
Seniors	17
Intermediates	24
Juniors and Preparatory	48
Total	91

GENERAL STATEMENT

The University of Maryland School for Nurses was established in the year 1889.

Since that time it has been an integral part of the University Hospital, coming under the same government.

The school is non-sectarian, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 250 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing, including experience in the operating-room.

The school offers the student nurse unusual advantages in its opportunity for varied experience and in its thorough curriculum taught by best qualified instructors and members of the Medical Staff of the University.

ADMISSION—Requirements: In order to become a candidate for admission to the Training School, application must be made in person or by letter, to the Superintendent of Nurses. An application by letter should be accompanied by a statement from a clergyman testifying to good moral character and from a physician certifying to sound health and unimpaired faculties. No person will be considered who is not in a good physical condition between the ages of 18 and 35. She must also show that she has a High School education or its equivalent. This is the minimum requirement, as women of superior education and culture are given preference provided they meet the requirements in other particulars.

The fitness of the applicant for the work and the propriety of dismissing or retaining her at the end of her term of probation, is left to the decision of the Superintendent of Nurses. Misconduct, disobedience, insubordination, inefficiency, or neglest of duty are causes for dismissal at any time by the Superintendent of Nurses, with the approval of the President of the University.

TIME: Students are admitted in February, June and September.

HOURS ON DUTY: During the probation term the students are on duty not more than six hours daily. During the Junior, Intermediate and Senior years the students are on eight-hour day duty, with six hours on Sunday and Holidays, and ten-hour night duty. The night-duty periods are approximately two months each, with one day at the termination of each term for rest and recreation. The period of night duty is approximately five or six months during the three years.

SICKNESS: A physician is in attendance each day, and when ill, all students are cared for gratuitously. The time lost through illness in excess of two weeks during the three years must be made up. Should the authorities of the school decide that through the time lost the theoretical work has not been sufficiently covered to permit the student to continue in that year, it will be necessary for her to continue her work with the next class.

VACATIONS: Vacations are given between June and September. A period of three weeks is allowed the student at the completion of the first year and four weeks at the competion of the second year.

EXPENSE: A student receives her board, lodging and a reasonable amount of laundry from the date of entrance. During her period of probation she provides her own uniforms made in accordance with the hospital regulations. After being accepted as a student nurse, she wears the uniform furnished by the hospital. The student is also provided with textbooks, and in addition to this is paid five dollars ($5.00) a month. Her personal expenses during the course of instruction and training will depend entirely upon her individual habits and tastes.

GENERAL PLAN OF INSTRUCTION

The course of instruction covers a period of three years.

JUNIOR YEAR

First Term

The Junior Year is divided into two periods. The first term is the preparatory period (4 months) and the second the junior term.

In the preparatory term the student is given practical instruction in:

I. The making of hospital and surgical supplies. The cost of hospital materials, apparatus and surgical instruments.
II. Household economics and the preparation of foods.
III. The hospital out-patients' department and dispensary.

During this term the practical work is done under constant supervision, and teaching is given correlatively.

Excursions are made to markets, hygienic dairies, linen-rooms, laundry and store-room.

The maximum number of hours per week in formal instructions divided into laboratory and lecture periods is thirty hours and includes courses in Anatomy and Physiology, Dietetics, Materia Medica, Personal Hygiene, Drugs and Solutions, Household Economics, Short Course in Ethics and History of Nursing.

At the close of the first half of Junior Year the students are required to pass satisfactorily both the written and oral tests, and failure to do so will be sufficient reason to terminate the course at this point.

SUBSEQUENT COURSE

The course of instruction, in addition to the probationary period, occupies two and three-fourths years, and students are not accepted for a shorter period.

After entering the wards, the students are constantly engaged in practical work under the immediate supervision and direction of the head nurses and instructors.

JUNIOR YEAR

Second Term

During this period the students receive theoretical instruction in Massage, Bacteriology, General Surgery and Introductory Medicine. Practical instruction is received in the male and female, medical, surgical and children's wards.

INTERMEDIATE YEAR

During this period the theoretical instruction includes Pediatrics, General Medicine, Infectious Diseases, Obstetrics, Gynecology and Orthopaedics. The practical work provides experience in the nursing of obstetrical and gynecological patients, in the operating-rooms and the out-patient department.

SENIOR YEAR

During this period the student receives short courses of lectures on subjects of special interest. This includes a consideration of the work of institutions of public and private charities, of settlements, and various branches of professional work in nursing.

Experience is given in executive and administration work to those showing exceptional ability in the Senior Year. With these students conferences are held on administration and teaching problems.

EXAMINATIONS: At the end of the first half year, students are examined in Anatomy, Physiology, Materia Medica, Dietetics and Hygiene. At the end of the first year in Surgery and Bacteriology.

During the second year they are examined in Urinalysis, Massage, Gynecology, General Medicine, Infectious Diseases, Obstetrics and Pediatrics. At the end of the third year the final examination in Nervous and Mental Diseases, Diseases of Special Senses, Venereal Diseases, Ethics and History of Nursing.

Examinations—which are both written and oral—include practical tests, and the standing of the student is based upon the general character of work throughout the year, as well as the results of the examinations. Students must pass all subjects before entering upon the work of the following year.

GRADUATION: The diploma of the School will be awarded to those who have completed satisfactorily the full term of three years and have passed successfully the final examinations.

SCHOLARSHIPS: One scholarship has been established by the Alumnae of the Training School. It entitles a nurse to a six weeks' course at Teachers' College, New York. This scholarship is awarded at the close of the third year to the student whose work has been of the highest excellence, and who desires to pursue post-graduate study and special work.

An Alumnae Pin is presented by the Women's Auxiliary Board to the student who at the completion of three years shows exceptional executive ability.

A prize of fifty dollars, known as the "Edwin and Leander M. Zimmerman Prize," is given in the senior class to the student whose practical nursing is of the highest excellency and whose interest and sympathy in the patients is greatest.

An Alumnae Pin is presented by the Women's Auxiliary Board to the student who at the completion of three years shows exceptional executive ability.

GRADUATES, 1927

Baldwin, Estella Coates	Maryland
Blackburn, Hazel Dorothy	Maryland
Bost, Stella Pearl	North Carolina
Foust, Eva Agnes	Maryland
Gerber, Theressa Rhae	Maryland
Hall, Rebecca Jane	Maryland
Henderson, Jane Grace	Missouri
Holloway, Ethel Catharyn	Maryland
Holt, Agnes Louise	Delaware
Jackson, Virginia Esther	Maryland
Jarrell, Emma Elizabeth	Maryland
Krouse, Beatrice Lutz	Maryland
Royster, Lucy	North Carolina
Seiss, Theodosia Mae	Maryland
Smith, Iris Nancy	Virginia
Wallis, Louisa Mather	Maryland
Young, Grace Elizabeth	Maryland

FIVE-YEAR PROGRAM

In addition to the regular three-year course of training the University offers a combined Academic and Nursing program leading to the degree of Bachelor of Science and a Diploma in Nursing.

The first two years of the course (or pre-hospital period), consisting of 70 semester hours, are spent in the College of Arts and Sciences of the University, during which period the student has an introduction to the general cultural subjects which are considered fundamental in any college training. At least the latter of these two years must be spent in residence at College Park in order that the student may have her share in the social and cultural activities of college life. The last three years are spent in the School of Nursing in Baltimore. In the fifth year of the combined program certain elective courses, such as Public Health Nursing, Nursing Education, Practical Sociology and Educational Psychology are arranged.

TWO-YEAR PROGRAM IN THE COLLEGE OF ARTS AND SCIENCES

Freshmen Year

	Semester I	Semester II
English Composition and Rhetoric (Eng. 101)	3	3
Foreign Language	4–3	4–3
General Chemistry (Chem. 101)	4	4
Elements of Social Science (Soc. Sci. 101)	3	3
Elementary Foods (H. E. 101)	3	3
Physical Education	1	1
	18	18

Sophomore Year

	Semester I	Semester II
English Literature or History	3	3
Organic and Food Chemistry	3	
Nutrition		3
General Economics (Econ. 105)	3	
Elements of Psychology (Psych. 101)		3
Gen. Zoology (Zool. 101)	4	
Public Speaking (P. S. 101-102)	1	1
Physical Education (Phys. Ed. 102)	2	2
Electives	1	5
	17	17

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was organized and incorporated under the laws of the State of Maryland in 1899, and has operated successfully for a quarter of a century.

The course of study is three years, during which time the Superintendent of the School assigns each pupil for definite periods to the various wards and services. Such practical training under skilled supervisors best applies the *science* and most adequately teaches the *art* of nursing. The course of study is modified and revised year by year, always with the idea of improvement. In schools of nursing, as in all other professional schools, changes are necessary, for to stand still is to retrograde. Each year new subjects are introduced or old ones are taught in new and more attractive ways. The curriculum embraces a preliminary period of four months, a junior term of eight months, an intermediate term of twelve months, and a senior term of twelve months.

Mercy Hospital being attached to the Medical School of the University of Maryland, its nurses enjoy the exceptional advantage of systematic courses of lectures covering every department of nursing. These lectures, given by professors who are masters of their subjects, are made to co-operate with the school curriculum, thus giving the student nurse a thorough knowledge of her profession.

REQUIREMENTS FOR ADMISSION

Applications for admission to the School of Nursing should be addressed to Superintendent of Nurses, Mercy Hospital, Baltimore, Md.

Requirements: Highest moral standard, intelligence, health, high-school education. Social references and letters from pastors and physicians are also required.

The course comprises three years of theory and practice. After four months' probation, candidates, if they possess the necessary qualifications, are admitted to the School proper, receiving Ten Dollars per month, their education being considered their compensation. Board, laundry, etc., furnished by the institution.

Four weeks before admission, candidates should forward $50.00 and measurements for uniforms and aprons, which will be in readiness on their arrival. No orders will be considered until this amount is received. These uniforms are worn throughout entire course, thus obviating additional expense after the probationary term expires. All clothing should be distinctly marked with names, Style No. 28, which may be procured from Woven Name Tape Co., Winstead, Conn. On admission, $10.00 is deposited on account of books.

Hours of duty: 7 A. M. to 7 P. M., with three hours off and one hour for meals, making an eight-hour system; one afternoon every week. A period of three weeks' vacation is allowed at the completion of the first year, and four weeks at the completion of the second year.

If nurses desire to remain out after 9:30 P. M., permission must be secured from the Superintendent. Late permission until 11:30 P. M. may be obtained once a week, from June to September, and twice a month from September to June. No visitors allowed except when off duty.

The right is reserved to dismiss pupils for any cause that may be deemed sufficient by the Superintendent of Nurses.

Dentistry should be attended to prior to entrance. Candidates should come provided with watch with second hand, fountain pen, scissors and comfortable shoes with rubber heels not too high; plain underwear, soap, towels, three laundry bags, shoe case and napkin ring.

Address baggage to Nurses' Home, Mercy Hospital, Pleasant and Calvert Streets, Baltimore, Md.

GRADUATES OF 1927

CATHERINE BERTIN
JULIA FRANCES COAKLEY
BESSIE HELEN CUNNINGHAM
HAZEL BAKER DE REAMER
SARA LOUISE FLYNN
ANNA HALL GOULD
MARGARET MARY JACKMAN
ANTOINETTE E. JASINSKI
DELIA ELLEN KANE
MARY HELEN KEARNEY
MARY KATHERINE KERR
MARY CARMELITA KIRBY
ANN MEYERS
MARIA AGNES MONAHAN
REGINA CATHERINE MONAGHAN
MIMI PASTERNAK
HELEN AGNES QUIRK
JANE CARMELITE SMITH
ELIZABETH M. THISTLEWOOD
CLARE LOUISE WINAND

THE INDUSTRIAL PRINTING COMPANY
BALTIMORE, MD.

Vol. XIII JULY, 1928 No. 1

BULLETIN
OF THE
SCHOOL OF MEDICINE

UNIVERSITY OF MARYLAND

PART TWO
CATALOGUE SUPPLEMENT
SESSION 1928-29

PUBLISHED FOUR TIMES A YEAR
JANUARY, APRIL, JULY AND OCTOBER
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Baltimore, Md.

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BULLETIN

OF THE

University of Maryland School of Medicine

AND

College of Physicians and Surgeons

Successor to The Hospital Bulletin of the University of Maryland, Baltimore Medical College News, and the Journal of the Alumni Association of the College of Physicians and Surgeons.

VOL. XIII JULY, 1928 No. 1

ANNUAL ANNOUNCEMENT

SESSION 1928-1929

BALTIMORE SCHOOLS (PROFESSIONAL GROUP)

CALENDAR, 1928-1929

FIRST SEMESTER

1928

Monday, September 24—Registration begins.

Monday, October 1—Instruction begins with the first scheduled period.

Monday, October 8—Last day to register without paying fine of $5.00.

Monday, November 12—Holiday (Armistice Day).

Wednesday, November 28—Thanksgiving recess begins after the last scheduled period.

Monday, December 3—Instruction resumed with the first scheduled period.

Saturday, December 22—Christmas recess begins after the last scheduled period.

1929

Thursday, January 3—Instruction resumed with the first scheduled period.

Saturday, January 26—First semester ends after the last scheduled period.

SECOND SEMESTER

Monday, January 14—Registration begins for second semester.

Monday, January 28—Instruction begins with the first scheduled period.

Saturday, February 2—Last day to register without paying fine of $5.00.

Friday, February 22—Holiday (Washington's Birthday).

Thursday, March 28—Easter recess begins after the last scheduled period.

Tuesday, April 2—Instruction resumed with the first scheduled period.

Saturday, June 8—Commencement Day.

THE UNIVERSITY OF MARYLAND

Control of the University of Maryland is vested in a Board of nine Regents, appointed by the Governor and confirmed by the Senate for terms of nine years each. The general administration of the University is vested in the President. The University Council is an advisory body, composed of the President, the Assistant to the President, the Director of the Agricultural Experiment Station, the Director of the Extension Service, and the Deans. The University Council acts upon all matters having relation to the University as a whole, or to cooperative work between the constituent groups. Each school has its own Faculty Council, composed of the Dean and members of its Faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organization:

The College of Agriculture,
The College of Engineering,
The College of Arts and Sciences,
The School of Medicine,
The School of Law,
The School of Dentistry,
The School of Pharmacy,
The College of Education,
The College of Home Economics,
The Graduate School,
The Summer School,
The Department of Physical Education and Recreation.

The Schools of Medicine, Law, Dentistry and Pharmacy are located in Baltimore; the others in College Park, Maryland.

BOARD OF REGENTS OF THE UNIVERSITY OF MARYLAND

Samuel M. Shoemaker, Esq., *Chairman*	Term expires 1933
Robert Crain, Esq	Term expires 1933
John M. Dennis, Esq., *Treasurer*	Term expires 1932
Dr. Frank J. Goodnow	Term expires 1931
John E. Raine, Esq	Term expires 1930
C. C. Gelder, Esq	Term expires 1929
Dr. W. W. Skinner, *Secretary*	Term expires 1927
Henry Holzapel, Jr., Esq	Term expires 1934
E. Brooke Lee, Esq	Term expires 1935

Raymond A. Pearson, M.S., D.Agr., LL.D.... *President and Executive Officer*

THE UNIVERSITY COUNCIL

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H. C. Byrd, B.S	Assistant to the President
H. J. Patterson, D.Sc	Dean of the College of Agriculture and Director of the Experiment Station
A. N. Johnson, S.B., D.Eng	Dean of the College of Engineering
T. H. Taliaferro, C.E., Ph.D	Acting Dean of the College of Arts and Sciences
Henry D. Harlan, LL.D	Dean of the School of Law
J. M. H. Rowland, M.D	Dean of the School of Medicine
A. G. Du Mez, Phar.D	Dean of the School of Pharmacy
T. O. Heatwole, M.D., D.D.S	Secretary of the Baltimore Schools
W. S. Small, Ph.D	Dean of the College of Education
M. Marie Mount, M.A	Dean of the College of Home Economics
C. O. Appleman, Ph.D	Dean of the Graduate School
Thomas B. Symons, M.S., D.Agr	Director of Extension Service
J. Ben Robinson, D.D.S., F.A.C.D	Dean of the School of Dentistry

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE

AND

COLLEGE OF PHYSICIANS AND SURGEONS

MEDICAL COUNCIL

ARTHUR M. SHIPLEY, M.D., ScD.

GORDON WILSON, M.D.

HARRY FRIEDENWALD, A.B., M.D.

WILLIAM S. GARDNER, M.D.

STANDISH McCLEARY, M.D.

JULIUS FRIEDENWALD, A.M., M.D.

J. M. H. ROWLAND, M.D.

ALEXIUS McGLANNAN, A.M., M.D., LL.D.

HUGH R. SPENCER, M.D.

H. BOYD WYLIE, M.D.

CARL L. DAVIS, M.D.

WILLIAM H. SCHULTZ, Ph.B., Ph.D.

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FRANK W. HACHTEL, M.D.

EDUARD UHLENHUTH, Ph.D.

HARRY J. DEUEL, Jr., Ph.D.

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Samuel K. Merrick, M.D.	Rhinology and Laryngology
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J. Frank Crouch, M.D.	Clinical Ophthalmology and Otology
Chas. O'Donovan, A.M., M.D., LL.D.	Clinical Medicine and Pediatrics
John R. Winslow, A.B., M.D.	Rhinology and Laryngology
Edward N. Brush, M.D.	Psychiatry
John C. Hemmeter, M.D., Ph.D., Sc.D., LL.D.	Clinical Medicine
L. E. Neale, M.D., LL.D.	Obstetrics
Frank Dyer Sanger, M.D.	Rhinology and Laryngology
J. M. Hundley, M.D.	Gynecology
George W. Dobbin, M.D.	Obstetrics

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William Royal Stokes, M.D., Sc.D., Professor of Bacteriology.
Harry Friedenwald, A.B., M.D., Professor of Ophthalmology and Otology.
William S. Gardner, M.D., Professor of Gynecology.
Standish McCleary, M.D., Professor of Pathology and Clinical Medicine.
Julius Friedenwald, A.M., M.D., Professor of Gastro-Enterology.
J. M. H. Rowland, M.D., Professor of Obstetrics and Dean of the Faculty.
Alexius McGlannan, A.M., M.D., LL.D., Professor of Surgery.
H. R. Spencer, M.D., Professor of Pathology.
H. Boyd Wylie, M.D., Professor of Biological Chemistry.
Carl L. Davis, M.D., Professor of Anatomy.
Wm. H. Schultz, Ph.B., Ph.D., Professor of Pharmacology.
Maurice C. Pincoffs, S.B., M.D., Professor of Medicine.
Frank W. Hachtel, M.D., Professor of Bacteriology.
Harry J. Deuel, Jr., Ph.D., Professor of Physiology.
G. Milton Linthicum, A.M., M.D., Professor of Diseases of the Rectum and Colon.
R. Tunstall Taylor, A.B., M.D., Professor of Orthopaedic Surgery.
Joseph E. Gichner, M.D., Professor of Clinical Medicine and Physical Therapeutics.
Charles W. McElfresh, M.D., Professor of Clinical Medicine.
Irving J. Spear, M.D., Professor of Neurology.
C. Hampson Jones, M.D., C.M. (Edinburgh), Professor of Hygiene and Public Health.
John Ruhrah, M.D., Professor of Pediatrics.
Charles F. Blake, A.M., M.D., Professor of Proctology.
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Charles E. Brack, Ph.G., M.D., Professor of Clinical Obstetrics.
Harvey G. Beck, M.D., Sc.D., Professor of Clinical Medicine.
Albertus Cotton, A.M., M.D., Professor of Orthopaedic Surgery and Roentgenology.
Andrew C. Gillis, A.M., M.D., LL.D., Professor of Neurology.
Charles L. Summers, M.D., Professor of Pediatrics.
Anton G. Rytina, A.B., M.D., Professor of Genito-Urinary Diseases.
Henry J. Walton, M.D., Professor of Roentgenology.
R. M. Chapman, M.D., Professor of Psychiatry.
John Rathbone Oliver, A.B., M.D., Ph.D., Professor of the History of Medicine.
L. H. Douglass, M.D., Professor of Clinical Obstetrics.
Edgar B. Friedenwald, M.D., Professor of Clinical Pediatrics.
Nathan Winslow, A.M., M.D., Clinical Professor of Surgery.
Page Edmunds, M.D., Clinical Professor of Industrial Surgery.
Walter D. Wise, M.D., Clinical Professor of Surgery.
Compton Riely, M.D., Clinical Professor of Orthopaedic Surgery.
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T. Fred Leitz, M.D., Clinical Professor of Gastro-Enterology.
J. W. Downey, M.D., Clinical Professor of Otology.
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Frank S. Lynn, M.D., Clinical Professor of Surgery.
M. Randolph Kahn, M.D., Clinical Professor of Ophthalmology.
Elliott Hutchins, M.D., Clinical Professor of Surgery.
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Sydney M. Cone, A.B., M.D., Associate Professor of Pathology.
Hugh Brent, M.D., Associate Professor of Gynecology.
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Abraham Samuels, M.D., Associate Professor of Gynecology.
Lewis J. Rosenthal, M.D., Associate Professor of Proctology.
C. C. Conser, M.D., Associate Professor of Physiology.
H. J. Maldeis, M.D., Associate Professor of Medical Jurisprudence.
J. Dawson Reeder, M.D., Associate Professor of Proctology.
G. M. Settle, A.B., M.D., Associate Professor of Neurology and Clinical Medicine.
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O. G. Harne, A.B., Associate Professor of Pharmacology.
William H. Smith, M.D., Associate Professor of Clinical Medicine.
Paul W. Clough, B.S., M.D., Associate Professor of Medicine.
Sydney R. Miller, A.B., M.D., Associate Professor of Medicine.
J. McFarland Bergland, M.D., Associate Professor of Obstetrics.

W. F. ZINN, M.D., Associate Professor of Diseases of Throat and Nose.
W. H. TOULSON, A.B., M.Sc., M.D., Associate Professor of Genito-Urinary Surgery.
C. REID EDWARDS, M.D., Associate Professor of Surgery.
EDUARD UHLENHUTH, Ph.D., Associate Professor of Anatomy.
HARRY M. ROBINSON, M.D., Associate Professor of Dermatology.
WALTER A. BAETJER, A.B., M.D., Associate Professor of Medicine.
HARRY M. STEIN, M.D., Associate Professor of Medicine.
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THEODORE H. MORRISON, M.D., Associate Professor of Gastro-Enterology.
A. J. GILLIS, M.D., Associate Professor of Genito-Urinary Diseases.
S. LLOYD JOHNSON, A.B., M.D., Assistant Professor of Medicine.
JOHN G. HUCK, M.D., Assistant Professor of Medicine.
GEORGE MCLEAN, M.D., Assistant Professor of Medicine.
C. C. HABLISTON, M.D., Assistant Professor of Medicine.
MAURICE FELDMAN, M.D., Assistant Professor of Gastro-Enterology.
ROBERT B. WRIGHT, M. D., Assistant Professor of Pathology.
JOHN R. ABERCROMBIE, A.B., M.D., Associate in Dermatology.
E. H. HAYWARD, M.D., Associate in Surgery.
GEORGE A. STRAUSS, JR., M.D., Associate in Gynecology.
H. K. FLECK, M.D., Associate in Ophthalmology.
JOSEPH I. KEMLER, M.D., Associate in Ophthalmology.
R. G. WILLSE, M.D., Associate in Gynecology.
SAMUEL W. MOORE, D.D.S., Associate in Anaesthesia.
W. I. MESSICK, M.D., Associate in Clinical Medicine.
L. A. M. KRAUSE, M.D., Associate in Medicine.
FRANK N. OGDEN, M.D., Associate in Biological Chemistry.
EMIL NOVAK, M.D., Associate in Obstetrics.
E. P. SMITH, M.D., Associate in Obstetrics.
THOMAS K. GALVIN, M.D., Associate in Gynecology.
HOWARD E. ASHBURY, M.D., Associate in Roentgenology.
FRANKLIN B. ANDERSON, M.D., Associate in Diseases of Throat and Nose.
W. H. DANIELS, M.D., Associate in Orthopaedic Surgery.
HARRIS GOLDMAN, M.D., Associate in Genito-Urinary Surgery.
EDWARD S. JOHNSON, M.D., Associate in Surgery.
C. A. REIFSCHNEIDER, M.D., Associate in Surgery.
MILFORD LEVY, M.D., Associate in Neurology.
M. J. HANNA, M.D., Associate in Surgery.
A. H. WOOD, M.D., Associate in Genito-Urinary Surgery.
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BARTUS T. BAGGOTT, M.D., Associate in Medicine.
H. M. BUBERT, M.D., Associate in Medicine.

H. R. Peters, M.D., Associate in Medicine.
Zachariah Morgan, M.D., Associate in Gastro-Enterology.
John F. Traband, M.D., Associate in Pediatrics.
J. M. Hundley, Jr., M.D., Associate in Gynecology.
Leo Brady, M.D., Associate in Gynecology.
Harry L. Rogers, M.D., Associate in Orthopaedic Surgery.
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Clifford Lee Wilmoth, A.B., Associate in Orthopaedic Surgery.
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D. J. Pessagno, M.D., Associate in Surgery.
J. G. M. Reese, M.D., Associate in Obstetrics.
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Clarence E. Macke, M.D., Associate in Pediatrics.
W. S. Love, Jr., M.D., Associate in Medicine and Instructor in Pathology.
A. A. Sussman, M.D., Associate in Medicine and Instructor in Pathology.
Albert Jaffe, M.D., Associate in Pediatrics.
Leon Freedom, M.D., Associate in Neurology and Instructor in Pathology.
Samuel B. Wolfe, M.D., Associate in Physiology.
Emil G. Schmidt, Ph.D., Associate in Biological Chemistry.
John F. Lutz, M.D., Instructor in Histology.
W. G. Queen, M.D., Instructor in Anaesthesia.
Henry F. Buettner, M.D., Instructor in Bacteriology.
J. A. F. Pfeiffer, M.D., Instructor in Bacteriology.
Joseph E. Gately, M.D., Instructor in Dermatology.
Wm. J. Todd, M.D., Instructor in Pediatrics.
Wm. F. Geyer, M.D., Instructor in Pediatrics.
R. F. McKenzie, M.D., Instructor in Diseases of the Throat and Nose.
J. G. Murray, Jr., M.D., Instructor in Obstetrics.
Dudley Pleasants Bowe, M.D., Instructor in Obstetrics.
George A. Knipp, M.D., Instructor in Physiology and Pediatrics.
F. X. Kearney, M.D., Instructor in Surgery.
Harry Goldsmith, M.D., Instructor in Psychiatry.
Joseph Sindler, M.D., Instructor in Gastro-Enterology.
I. J. Feinglos, M.D., Instructor in Pediatrics.
L. K. Fargo, M.D., Instructor in Genito-Urinary Diseases.
William Michel, M.D., Instructor in Medicine.
C. F. Horine, M.D., Instructor in Surgery.
Edward Novak, M.D., Instructor in Medicine.
Maurice Lazenby, A.B., M.D., Instructor in Obstetrics.
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Isadore A. Siegel, A.B., M.D., Instructor in Obstetrics.
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Albert Eisenberg, M.D., Instructor in Gastro-Enterology.
M. Koppleman, M.D., Instructor in Gastro-Enterology.
F. S. Orem, M.D., Instructor in Pediatrics.
I. S. Zinberg, M.D., Instructor in Gastro-Enterology.
M. G. Gichner, M.D., Instructor in Medicine.

Frederick B. Dart, M.D., Instructor in Pediatrics.
B. J. Ferry, M.D., Instructor in Pediatrics.
V. L. Ellicott, M.D., Instructor in Hygiene and Public Health.
M. G. Tull, M.D., Instructor in Hygiene and Public Health.
Isadore I. Levy, M.D., Instructor in Gastro-Enterology.
Monte Edwards, M.D., Instructor in Surgery and Proctology.
William A. Strauss, M.D., Instructor in Medicine.
Moses Gellman, M.D., Instructor in Orthopaedic Surgery.
Arnold Lawson Jensen, B.Sc., M.D., Instructor in Orthopaedic Surgery.
I. O. Ridgley, M.D., Instructor in Surgery.
W. R. Johnson, M.D., Instructor in Anatomy, Surgery and Pathology.
E. W. Hanrahan, A.B., M.D., Instructor in Surgery.
H. F. Bongardt, M.D., Instructor in Surgery.
R. M. Hening, M.D., Instructor in Pediatrics.
Samuel Glick, M.D., Instructor in Pediatrics and Assistant in Pathology.
M. N. Putterman, M.D., Instructor in Pediatrics.
Clewell Howell, M.D., Instructor in Pediatrics.
A. H. Finkelstein, M.D., Instructor in Pediatrics.
Elizabeth Sherman, M.D., Instructor in Pediatrics.
Marie Kovner, M.D., Instructor in Pediatrics.
Robert Hodes, M.D., Instructor in Neurology.
M. H. Goodman, M.D., Instructor in Pathology.
J. Willis Guyton, M.D., Assistant in Genito-Urinary Surgery.
Dwight Mohr, M.D., Assistant in Surgery.
W. R. Geraghty, M.D., Assistant in Surgery.
S. Demarco, M.D., Assistant in Surgery.
Clyde N. Marvel, M.D., Assistant in Surgery.
H. C. Knapp, M.D., Assistant in Genito-Urinary Diseases.
H. T. Collenberg, M.D., Assistant in Genito-Urinary Diseases.
J. H. Collinson, M.D., Assistant in Genito-Urinary Diseases.
Milton C. Lang, M.D., Assistant in Genito-Urinary Diseases.
J. G. Onnen, M.D., Assistant in Surgery.
H. B. McElwain, M.D., Assistant in Surgery.
Robert W. Johnson, M.D., Assistant in Anatomy and Surgery.
A. C. Monninger, M.D., Assistant in Dermatology.
John A. O'Connor, M.D., Assistant in Surgery.
James Brown, M.D., Assistant in Surgery.
A. V. Buchness, M.D., Assistant in Surgery.
Karl J. Steinmuller, A.B., M.D., Assistant in Surgery.
L. J. Millan, M.D., Assistant in Genito-Urinary Surgery.
William Emrich, M.D., Assistant in Genito-Urinary Surgery.
W. H. Woody, M.D., Assistant in Medicine.
Joseph Pokorny, M.D., Assistant in Anatomy.
J. S. Eastland, M.D., Assistant in Medicine.
Leo T. Brown, M.D., Assistant in Gastro-Enterology.
C. V. Hooper, Assistant in Gastro-Enterology.
James W. Nelson, M.D., Assistant in Histology.

J. Hulla, M.D., Assistant in Histology.
Ruth Musser, A.B., Assistant in Pharmacology.
Henry Wasserman, M.D., Assistant in Dermatology.
K. B. Legge, M.D., Assistant in Genito-Urinary Surgery.
T. B. Aycock, M.D., Assistant in Surgery.
F. A. Sigrist, M.D., Assistant in Surgery.
R. Hooper Smith, M.D., Assistant in Medicine.
Benjamin Abeshouse, M.D., Assistant in Pathology.
T. Nelson Carey, M.D., Assistant in Medicine.
L. T. Lavy, M.D., Assistant in Pediatrics.
Benjamin Miller, M.D., Assistant in Pediatrics.
E. V. Teagarden, M.D., Assistant in Pediatrics.
S. C. Feldman, M.D., Assistant in Pediatrics.
Ruth F. Carr, B.S., Assistant in Biological Chemistry.
W. D. Hawkins, M.D., Assistant in Pathology.
Eugene L. Flippin, M.D., Assistant in Roentgenology.
Maurice Shamer, M.D., Assistant in Obstetrics.

University of Maryland School of Medicine

AND

College of Physicians and Surgeons

As a result of the merger accomplished in 1915 the combined schools offer the student the abundant resources of both institutions, and, in addition, by earlier combination with the Baltimore Medical College, the entire equipment of three large medical colleges.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was chartered in 1807, under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties, of Divinity, of Law, and of Arts and Sciences, and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

Established thus for more than a century, the School of Medicine of the University of Maryland has always been a leading medical college, especially prominent in the South and widely known and highly honored throughout the country.

The beautiful college building at Lombard and Greene Streets, erected in 1812, is the oldest structure in America devoted to medical teaching. Here was founded one of the first medical libraries and the first medical college library in the United States.

Here for the first time in America dissecting was made a compulsory part of the curriculum; here instruction in Dentistry was first given (1837), and here were first installed independent chairs for the teaching of Diseases of Women and Children (1867), and of Eye and Ear Diseases (1873).

The School of Medicine was one of the first to provide for adequate clinical instruction by the erection in 1823 of its own hospital, and in this hospital intramural residency for the senior student was first established.

In 1913, juncture was brought about with the Baltimore Medical College, an institution of 32 years' growth. By this association the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated under Legislative enactment in 1872, and established on Hanover Street in a building afterwards known as the Maternite, the first obstetrical hospital in Maryland. In 1878 union was affected with the Washington University School of Medicine, in existence since 1827, and the college was removed to its present location at Calvert and Saratoga Streets. By this arrangement medical control of the City Hospital, now the Mercy Hospital, was obtained, and on this foundation in 1899 the present admirable college building was erected.

ORGANIZATION OF THE SCHOOL OF MEDICINE

LABORATORY AND CLINICAL FACILITIES

The Laboratories

The laboratories are located at two centers, the group of buildings at Greene and Lombard Streets, and at 32 and 34 South Paca Street. The schedule is so adjusted that the laboratory periods are placed with a view of obviating unnecessary movement on the part of the classes. The building known as Gray Laboratory, at Greene and Lombard Streets, houses three departments. The Anatomical Laboratory is placed upon the top floor, where skylights and an auxiliary modern system of electric lighting gives adequate illumination of the subjects. On this floor are the office of the department and the necessary preparation rooms. The Department of Pharmacology occupies the second floor. There is a large room for the general student laboratory, which is thoroughly equipped with apparatus of recent acquisition, and in addition contains many instruments of unique and original design. With office and stockroom adjoining, this laboratory is complete for student experimentation. On the first floor of Gray Laboratory is the Department of Physiology. In addition to the large student laboratory, which is constructed for sections of forty-five students,

there are rooms for the departmental office, preparation of material, and storage of apparatus. An additional room is devoted exclusively to mammalian experiments. In this building there is maintained an animal room where is kept an abundance of material for experimental purposes. The embalming and storage plant for the Department of Anatomy is in physical connection with the building and its special departments. The laboratories of physiology and pharmacology are completely equipped with apparatus lockers so that in accord with the best ideas of instruction, the students work in groups of two each, and each group has sufficient apparatus so that the experimental work can be carried on without delay or recourse to a general stockroom.

The laboratories of Pathology and Biochemistry are located on the third floor of the Dental Building. The former department has a large student laboratory with a capacity of ninety; the tables are so placed as to secure the most satisfactory illumination for microscopic work, in addition, all of the tables are electrically equipped for substage illumination. This equipment is also provided for all laboratories where microscopic work obtains. The museum of the Department of Pathology adjoins the student laboratory. Here are available for demonstration about fifteen hundred carefully prepared and mounted specimens, and for laboratory instruction and study, an abundance of autopsy material with complete clinical histories. Several preparation, research, and office rooms communicate with the other rooms of this department. The laboratory of Biochemistry is constructed and equipped for sections of fifty. The laboratory is completely equipped for the facilitation of work. The office and stockroom adjoin. In the Main Building is the Museum of Anatomy, where are arranged for student reference, specimens which represent the careful selection of material over a period of many years. In the University Hospital is the Student Laboratory for the analytical studies by those students who are serving as clinical clerks on the wards. A similar laboratory is maintained in the building at the northwest corner of Saratoga and Calvert Streets, for the student work on the wards of the Mercy Hospital.

At 32 and 34 South Paca Street are two laboratories for Bacteriology, Histology, and Clinical Pathology. The two laboratories accommodate one hundred and twenty-five students or the full class,

and are equipped with necessary lockers for microscopes and apparatus. Each of the departments housed in this building are provided with their individual offices, preparation and stockrooms.

Clinical Facilities

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the State of Maryland. It was opened in September, 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for the eye cases.

The present hospital has a capacity of 275 beds devoted to general medicine, surgery, obstetrics and the various medical and surgical specialties. It is equipped with a thoroughly modern X-ray department and clinical laboratory, and a post-mortem building which is constructed with special reference to the instruction of students in *pathological anatomy.*

The hospital is situated opposite the medical school buildings so that the students lose no time in passing from the lecture halls and laboratories to the clinical amphitheater, dispensary and wards.

Owing to its situation, being adjacent to the largest manufacturing district of the city and the shipping district, large numbers of accident cases are received. These combined with the cases of many sick seamen and with patients from our own city furnish a large amount of clinical material. Accommodations for thirty obstetrical patients are provided in the hospital for the purpose of furnishing actual obstetrical experience to each member of the graduating class.

In connection with the University Hospital an outdoor obstetrical clinic is conducted, in which every case has careful pre-natal supervision, is attended during labor by a senior student, supervised by a hospital physician and assisted by a graduate nurse, and is visited during the puerperium by the attending student and graduate nurse. Careful pre-natal, labor and puerperal records are kept, making this work of extreme value to the medical student, not only from the obstetrical standpoint, but in making him appreciate the value of social service and public health work.

During the year ending December 31, 1927, 458 cases were delivered in the hospital and 1094 cases in the outdoor department. Students in the graduating class delivered an average of fourteen cases, each student being required to deliver twelve cases.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: Medicine, Surgery, Obstetrics, Children, Eye and Ear, Genito-Urinary, Gynecology, Gastro-Enterology, Neurology, Orthopaedics, Proctology, Dermatology, Throat and Nose, Tuberculosis and Psychiatry.

All students in their junior year work in the departments of Medicine and Surgery each day in one of the dispensaries.

All students in their senior year work in the special departments one hour each day.

HOSPITAL COUNCIL

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A. M. Shipley, M.D., Sc.D., *Head of the Department of Surgery.*
Samuel M. Shoemaker, *President of the Board of Regents.*
A. J. Lomas, M.D., *Superintendent of the Hospital.*
Miss Annie Crighton, R.N., *Superintendent of Nurses.*
J. Allison Muir,
G. M. Shriver,
W. B. Brooks,
Miss Florence Sadtler, *Representing Woman's Auxiliary Board.*

Representing Hospital Staff

J. W. Holland, M.D.
C. Reid Edwards, M.D.

Representing Medical Alumni

Charles W. Maxson, M.D.
G. Milton Linthicum, M.D.

UNIVERSITY HOSPITAL STAFF

Superintendent of the Hospital, A. J. Lomas, M.D.

Physicians

Gordon Wilson, M.D.
Charles W. McElfresh, M.D.
Harry M. Stein, M.D.
Walter A. Baetjer, M.D.
Maurice C. Pincoffs, M.D.
G. Carroll Lockard, M.D.
Jos. E. Gichner, M.D.
Wm. H. Smith, M.D.

Gastro-Enterologist

Julius Friedenwald, A.M., M.D.

Neurologist

Irving J. Spear, M.D.

Psychiatrist

R. M. Chapman, M.D.

Pediatrician

Charles L. Summers, M.D.

Pathologists

Hugh R. Spencer, M.D.
S. Lloyd Johnson, M.D.

Surgeons

Randolph Winslow, A.M., M.D., LL.D.
Arthur M. Shipley, M.D., Sc.D.
Joseph W. Holland, M.D.
Page Edmunds, M.D.
Nathan Winslow, M.D.
Frank S. Lynn, M.D.
Charles Reid Edwards, M.D.

Laryngologists

Edward A. Looper, M.D.
Franklin B. Anderson, M.D.

Proctologists

G. Milton Linthicum, A.M., M.D.
J. Dawson Reeder, M.D.

Orthopaedic Surgeons

R. Tunstall Taylor, A.B., M.D.
Compton Riely, M.D.

Genito-Urinary Surgeons

W. H. Toulson, A.B., M.Sc., M.D.
Lyle J. Millan, M.D.

Roentgenologists

Henry J. Walton, M.D.
Eugene L. Flippin, M.D.

Dermatologist

Henry M. Robinson, M.D.

Bronchoscopist

Waitman F. Zinn, M.D.

Anaesthetists

S. Griffith Davis, M.D.
Samuel W. Moore, D.D.S.
W. G. Queen, M.D.

Obstetricians

J. M. H. Rowland, M.D.
L. H. Douglass, M.D.
M. A. Novey, A.B., M.D.
J. G. M. Reese, M.D.
Isador H. Siegel, A.B., M.D.

Ophthalmologists and Otologists

Harry Friedenwald, M.D.
Hiram Woods, A.M., M.D.
William Tarun, M.D.
J. W. Downey, M.D.

Gynecologists

J. Mason Hundley, M.D.
W. S. Gardner, M.D.
Hugh Brent, M.D.
R. G. Willse, M.D.

RESIDENT STAFF 1928-1929

Resident in Surgery	L. U. Lumpkin, M.D.
Assistant Resident in Surgery	C. F. Karns, M.D.
Assistant Resident in Surgery	H. V. Davis, M.D.
Assistant Resident in Surgery	J. R. Phillips, M.D.
Assistant Resident in Roentgenology	Samuel Weinstein, M.D.
Resident in Medicine	C. E. Gill, M.D.
Resident in Obstetrics	William Linthicum, M.D.
Assistant Resident in Obstetrics	Theodore Wollak, M.D.
Resident in Gynecology	J. R. Hibbitts, M.D.

INTERNES

Dr. Hugh A. Bailey
Dr. George A. Duncan
Dr. Creed C. Greer
Dr. Georg K. Gulck
Dr. Lewis P. Gundry
Dr. Joseph G. Laukaitis
Dr. Luther E. Little
Dr. M. C. Smoot
Dr. William H. Varney
Dr. C. Gardner Warner
Dr. E. Eldon Baum
Dr. Bryan N. Roberts
Dr. Earl F. Limbach

UNIVERSITY HOSPITAL DISPENSARY STAFF

Medicine

H. M. Stein, M.D., *Chief of Clinic*
William Michel, M.D.
A. L. Fehsenfeld, M.D.
S. B. Wolfe, M.D.
W. H. Triplett, M.D.
Joseph Rosenblatt, M.D.
Leo Lally, M.D.
Thomas Coonan, M.D.

Diseases of the Stomach and Intestines

J. H. Ullrich, M.D., *Chief of Clinic*
Joseph Sindler, M.D.
Z. Morgan, M.D.
Leo T. Brown, M.D.
M. S. Koppelman, M.D.
N. J. Davidov, M.D.
C. Vance Hooper, M.D.

Neurology

Irving J. Spear, M.D., *Professor of Neurology*
G. M. Settle, M.D., *Associate Professor of Neurology*
Leon Freedom, M.D., *Chief of Clinic*
Benjamin Pushkin, M.D.
Robert Hodes, M.D.

Mental Hygiene

Ralph P. Truitt, M.D., *Director*
G. H. Preston, M.D.

Diseases of the Lungs

C. C. Habliston, M.D., *Chief of Clinic*

Diseases of Metabolism

H. M. Stein, M.D., *Chief of Clinic*

Cardiovascular Diseases

William S. Love, Jr., M.D., *Chief of Clinic*
Franklin Eleder, M.D.

Allergy Clinic

H. M. Bubert, M.D., *Chief of Clinic*

Pediatrics

Charles L. Summers, M.D., *Professor of Pediatrics*
C. Loring Joslin, M.D., *Chief of Clinic*
John H. Traband, M.D., *Chief of Clinic*

Clarence E. Macke, M.D.
Albert Jaffe, M.D.
William J. Todd, M.D.
F. Stratner Orem, M.D.
William G. Geyer, M.D.
George A. Knipp, M.D.
Bernard J. Ferry, M.D.
I. J. Feinglos, M.D.
Frederick B. Dart, M.D.
S. C. Feldman, M.D.
R. M. Hening, M.D.
Marie Kovner, M.D.
Clewell Howell, M.D.
Samuel Glick, M.D.
Elizabeth Sherman, M.D.
M. N. Putterman, M.D.
A. H. Finkelstein, M.D.
Louis T. Lavy, M.D.
Benjamin Miller, M.D.
E. V. Teagarden, M.D.

Surgery

Charles Reid Edwards, M.D., *Chief of Clinic*

H. M. Foster, M.D.
C. A. Reifschneider, M.D.
E. S. Perkins, M.D.
F. A. Sigrist, M.D.
J. H. Wilkerson, M.D.
E. S. Johnson, M.D.
W. R. Johnson, M.D.
James Brown, M.D.
S. H. Culver, M.D.
A. C. Monninger, M.D.

Orthopaedic Surgery

R. Tunstall Taylor, A.B., M.D., *Professor of Orthopaedic Surgery*
Compton Riely, M.D., *Chief of Clinic*

Harry L. Rogers, M.D.
Clifford Lee Wilmoth, A.B., M.D.
Clement R. Monroe, M.D.
Moses Gellman, M.D.

Genito-Urinary

W. H. Toulson, M.D., *Chief of Clinic*

Harris Goldman, M.D.

J. H. Collinson, M.D.

H. T. Collenberg, M.D.

Milton C. Lang, M.D.

H. C. Knapp, M.D.

L. K. Fargo, M.D.

Lyle J. Millan, M.D.

Roentgenologists

Henry J. Walton, M.D.

Eugene L. Flippin, M.D.

Dermatology

H. M. Robinson, M.D., *Chief of Clinic*

J. E. Gately, M.D.

Nose and Throat

E. A. Looper, M.D., *Clinical Professor of Diseases of Throat and Nose*

Franklin B. Anderson, M.D., *Chief of Clinic*

F. A. Holden, M.D.

Charles H. Cahn, M.D.

Thomas O'Rourke, M.D.

Edward Talbott, M.D.

Joseph Nurkin, M.D.

Colon and Rectum

Monte Edwards, M.D., *Chief of Clinic*

Gynecology

J. M. Hundley, Jr., M.D.

Leo Brady, M.D.

A. V. Buchness, M.D.

George L. Wissig, M.D.

William J. Fulton, M.D.

Obstetrics

L. H. Douglass, M.D., *Chief of Clinic*

Dudley Pleasants Bowe, B.A., M.D.

J. G. M. Reese, M.D.

Maxwell Mazer, M.D.

M. Alexander Novey, M.D.

Isadore A. Siegel, A.B., M.D.

Maurice Shamer, M.D.

Eye and Ear

Harry Friedenwald, M.D., *Professor of Ophthalmology and Otology*

J. W. Downey, M.D.

Charles Cahn, M.D.

John G. Runkel, M.D.

Social Service

Miss Grace Pearson, *Directress*

UNIVERSITY HOSPITAL DISPENSARY REPORT

October 1, 1926, to September 30, 1927.

	Cases		
Department	New	Old	Total
Pediatrics	2,667	19,189	21,856
Dermatology	5,382	9,644	15,026
Surgery	1,987	6,723	8,710
Medicine	1,947	5,223	7,170
Obstetrics	1,624	5,233	6,857
Genito-Urinary	821	5,010	5,831
Eye and Ear	1,324	4,085	5,409
Gynecology	1,182	2,644	3,826
Nose and Throat	1,046	991	2,037
Orthopaedic	236	1,604	1,840
Gastro-Intestinal	200	845	1,045
Neurology	181	666	847
Cystoscopy	60	277	337
Psychiatry	139	169	308
Proctology	94	212	306
Tuberculosis	126	177	303
Cardiology	70	173	243
Total	19,086	62,865	81,951

In addition to the above, there were treated in the State Venereal Clinic 21,035 cases.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of administering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present Hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space has compelled the erection of additions, until now there are accommodations for 351 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

Mercy Hospital is located in the center of a city of 800,000 inhabitants.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

It adjoins the College building, and all surgical patients from the public wards are operated upon in the College operating rooms. This union of the Hospital and College buildings greatly facilitates the clinical teaching, as there is no time lost in passing from one to the other.

Mercy Hospital is the hospital of the United Railways and Electric Company of Baltimore City, and receives patients from the Baltimore and Ohio Railroad Company and from the Pennsylvania Railroad Company and its branches.

BOARD OF GOVERNORS

SAMUEL M. SHOEMAKER, ESQ., *Chairman*

SISTER M. CARMELITA
SISTER M. SIENA
SISTER M. HILDEGARDE
SISTER M. ANITA
SISTER M. JOAN
DR. ALEXIUS MCGLANNAN
DR. WALTER D. WISE
DR. THOMAS K. GALVIN
DR. ANDREW C. GILLIS
DR. STANDISH MCCLEARY

MERCY HOSPITAL STAFF

SURGICAL DIVISION

ALEXIUS MCGLANNAN, A.M., M.D.
W. D. WISE, M.D.
C. F. BLAKE, M.D.
ELLIOTT HUTCHINS, M.D.
A. M. EVANS, M.D.
F. L. JENNINGS, M.D.

Associate Surgeons

R. H. LOCHER, M.D.
T. R. CHAMBERS, M.D.
F. X. KEARNEY, M.D.
I. O. RIDGLEY, M.D.
N. C. MARVEL, M.D.
D. J. PESSAGNO, M.D.

Assistant Surgeons

CHARLES MAXSON, M.D.
A. B. MCELWAIN, M.D.
T. J. TOUHEY, M.D.
DWIGHT MOHR, M.D.
H. F. BONGARDT, M.D.
J. W. NELSON, M.D.

Ophthalmologists and Otologists

HARRY FRIEDENWALD, M.D.

Associates

H. K. FLECK, M.D.
J. W. DOWNEY, M.D.

Rhinologists and Laryngologists

FRANK D. SANGER, M.D.
W. F. ZINN, M.D.
GEORGE W. MITCHELL, M.D.
RAYMOND MCKENZIE, M.D.

Associate

F. A. PACIENZA, M.D.

Proctologist

CHARLES F. BLAKE, M.D.

Orthopaedic Surgeon

ALBERTUS COTTON, M.D.

Associate

H. L. ROGERS, M.D.

Assistant

K. W. GOLLEY, M.D.

Urologist

Alexander J. Gillis, M.D.

Assistant

Kenneth B. Legge, M.D.

Dentist

John Frederick, D.D.S.

MEDICAL DIVISION

Physicians

Maurice C. Pincoffs, M.D.

William F. Lockwood, M.D.
Standish McCleary, M.D.
Cary B. Gamble, M.D.
Harvey G. Beck, M.D.

Associates

Hubert C. Knapp, M.D.
C. C. W. Judd, M.D.
H. R. Peters, M.D.
Bartus T. Baggott, M.D.
George McLean, M.D.
A. A. Sussman, M.D.
L. A. M. Krause, M.D.
John E. Legge, M.D.

Gastro-Enterologist

Julius Friedenwald, M.D.

Associates

T. Frederick Leitz, M.D.
Theodore Morrison, M.D.

Assistants

Maurice Feldman, M.D.
Joseph Sindler, M.D.

Pediatricians

John Ruhrah, M.D.
Edgar B. Friedenwald, M.D.

Assistants

F. B. Smith, M. D.
T. F. Daniels, M.D.

Neurologist and Psychiatrist

Andrew C. Gillis, M.D.

Associate

Milford Levy, M.D.

Dermatologist

Melvin Rosenthal, M.D.

OBSTETRICAL DIVISION

Charles E. Brack, M.D.
A. Samuels, M.D.
W. S. Gardner, M.D.
G. A. Strauss, M.D.
E. P. Smith, M.D.
J. J. Erwin, M.D.
T. K. Galvin, M.D.
E. S. Edlavitch, M.D.

GYNECOLOGICAL DIVISION

Gynecologists

William S. Gardner, M.D.
George A. Strauss, M.D.
E. P. Smith, M.D.
Abraham Samuels, M.D.
T. K. Galvin, M.D.

Associate

J. J. Erwin, M.D.

Assistant

E. S. Edlavitch, M.D.

PATHOLOGICAL DIVISION

Standish McCleary, M.D.
Hugh R. Spencer, M.D.

Clinical Pathologists

H. R. Peters, M.D.
H. T. Collenberg
Emil G. Schmidt, Ph.D.

Technicians

Sister M. Joan, Ph.G., R.N.
Anna Chenoweth, R.N.
Frances Donovan, R.N.

X-RAY DEPARTMENT

Radiographers

Albertus Cotton, M.D.
Harry L. Rogers, M.D.
K. W. Golley, M.D.

Technician—Sister M. Antonia, R.N.

MERCY HOSPITAL RESIDENT STAFF

Resident Surgeon

John L. Winstead, M.D.

Assistant Resident Surgeons

E. Prefontaine, M.D.
Francis W. Gillis, M.D.
Julius J. Leyko, M.D.
J. Benesunes, M.D.

Resident Physician

T. N. Carey, M.D.

Resident Gynecologist

Frank K. Morris, M.D.

Internes

J. P. Barnes, M.D.
Simon Brager, M.D.
J. H. Rutter, M.D.
F. T. Zimmerman, M.D.
C. P. Roetling, M.D.
M. Schapiro, M.D.
David Tenner, M.D.
M. Levinsky, M.D.

DISPENSARY STAFF OF MERCY HOSPITAL

Surgery Supervisors

Alexius McGlannan, M.D.
W. D. Wise, M.D.

Attending Surgeons

D. H. Mohr, M.D.
I. O. Ridgley, M.D.
John O'Connor, M.D.
D. J. Pessagno, M.D.
H. F. Bongardt, M.D.
T. J. Touhey, M.D.
J. W. Nelson, M.D.

Genito-Urinary Surgery

A. J. Gillis, M.D.
K. B. Legge, M.D.

Orthopaedic Surgery

Albertus Cotton, M.D.
Harry L. Rogers, M.D.
K. W. Golley, M.D.

Medicine Supervisors

W. F. Lockwood, M.D.
M. C. Pincoffs, M.D.

Attending Physicians

A. A. Sussman, M.D., *Chief of Clinic*
J. M. Miller, M.D.
A. W. Kelly, M.D.
S. Snyder, M.D.
Harry G. Miller, M.D.

Cardiovascular Diseases

A. A. Sussman, M.D., *Chief of Clinic*

Diseases of the Lungs

S. Snyder, M.D., *Chief of Clinic*

Diseases of Metabolism

J. S. Eastland, M.D., *Chief of Clinic*

Diseases of Stomach

Supervisor, Julius Friedenwald, M.D.

Attending Physicians

T. Frederick Leitz, M.D.
M. Feldman, M.D.
Theodore H. Morrison, M.D.
Joseph Sindler, M.D.
A. Eisenberg, M.D.
I. I. Levy, M.D.

Esophagoscopist

W. F. Zinn, M.D.

Nervous Diseases

Supervisor, A. C. Gillis, M.D.

Attending Physicians

Milford Levy, M.D.
Robert Hodes, M.D.

Diseases of Women

Supervisors

W. S. Gardner, M.D.
A. Samuels, M.D.

Attending Surgeons

E. P. Smith, M.D.
J. J. Erwin, M.D.
T. K. Galvin, M.D.
C. F. J. Coughlin, M.D.
E. Edlavitch, M.D.

Diseases of Nose and Throat

W. F. Zinn, M.D.
F. A. Pacienza, M.D.
R. F. McKenzie, M.D.
Louise Small, M.D.
B. McGowan, M.D.

Diseases of Eye and Ear

H. F. Fleck, M.D.
J. I. Kemler, M.D.
M. Raskin, M.D.
F. A. Pacienza, M.D.
Bernard Wess, M.D.

Dermatology

Melvin Rosenthal, M.D.

Assistant

William G. Coppage, M.D.

Social Service Department

Sister M. Helen, R.N.
Elise Linfert, A.M.

MERCY HOSPITAL DISPENSARY

	Cases		
	Old	New	Total
Surgical	2,729	1,013	3,742
Medical	1,849	1,161	3,010
Gynecology	798	325	1,123
Eye and Ear	741	374	1,115
Nose and Throat	526	691	1,217
Neurological	367	132	499
Children	56	90	146
Gastro-Intestinal	494	126	620
Dental	80	70	150
Rectal	35	22	57
Orthopaedic	977	201	1,178
Skin	403	178	581
Genito-Urinary	3,918	679	4,597
Total	12,973	5,062	18,035

OTHER CLINICAL FACILITIES

THE BALTIMORE CITY HOSPITALS

The clinical advantages of the University have been largely increased by the liberal decision of the Board of Supervisors of City Charities to allow the immense material of these hospitals to be used for the purpose of medical education. There are daily visits and clinics in medicine and surgery by the Staff of the Hospitals. The autopsy material is unsurpassed in this country in amount, thoroughness in study, and the use made of it in medical teaching.

The Baltimore City Hospitals consist of the following separate hospitals:

The General Hospital, 160 beds.
The Hospital for Chronic Cases, 180 beds.
The Hospital for Tuberculosis, 190 beds.
The Detention Hospital for Insane, 450 beds.

STAFF OF THE BALTIMORE CITY HOSPITALS

VISITING STAFF

Thomas R. Boggs, S.B., M.D., *Physician-in-Chief.*

Arthur M. Shipley, Sc.D., M.D., *Surgeon-in-Chief.*

C. C. Habliston, M.D., *Physician-in-Chief to the Tuberculosis Hospital.*

Harry Goldsmith, M.D., *Physician-in-Charge of the Detention Hospital for the Insane.*

Wiley D. Forbus, A.B., M.D., *Visiting Pathologist.*

W. D. Hawkins, A.B., M.D., *Resident Pathologist.*

CONSULTING STAFF

Otologist
William Tarun, M.D.

Gynecologists
R. G. Willse, M.D.
J. Mason Hundley, Jr., M.A., M.D.

Urologist
W. H. Toulson, A.B., M.D.

Laryngologists
H. R. Slack, M.D.
Franklin B. Anderson, M.D.

Pediatrician
John Ruhrah, M.D.

Neurologist
Oliver Smith, A.B., M.D.

Psychiatrists
Henry J. Berkley, M.D.
Adolph Meyer, M.D.

Orthopaedist
H. L. Wheeler, M.D.

Proctologist
G. Milton Linthicum, A.B., M.D.

Assisting Visiting Physician
Charles R. Austrian, M.D.

Assistant Visiting Surgeons
Frank S. Lynn, M.D.
C. A. Reifschneider, M.D.
E. M. Hanrahan, A.B., M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution contains 100 beds for the active treatment of deformities, a new fire-proof building having been recently added, with every possible facility for the operative and physical treatment of these cases. It owns an estate known as "Radnor Park," of colonial origin, comprising 75 acres, at Hillsdale, within the northwestern city limits, and may be reached by trolley.

This institution has city, state, endowed and private beds and rooms with private baths and terraces adjacent, overlooking a beautiful park-like environment, especially adapted for heliotherapy in tuberculosis, rachitic, osteomyelitic and arthritic conditions. A dairy and farm are maintained in connection with this hospital. The dispensary of this hospital is maintained across the street from the University Hospital, with which this institution is in close affiliation, for didactic, clinical, dispensary and bedside instruction. It is the Orthopaedic Department of the University of Maryland, and maintained in connection with it is a well-equipped Physiotherapy branch, affording the student an opportunity to familiarize himself with the newer methods in the application of actinotherapy, diathermy, thermotherapy, electricity and hydrotherapy.

STAFF

Surgeon-in-Chief and Medical Director

R. Tunstall Taylor, A.B., M.D.

Associate Surgeons

Albertus Cotton, A.M., M.D.
Clement R. Monroe, M.D.
Clifford Lee Wilmoth, A.B., M.D., D.T.M.&H. (London)
Harry L. Rogers, M.D.

Assistant and Dispensary Surgeons

Compton Riely, M.D.
Arnold Lawson Jensen, B.Sc., M.D.
Moses Gellman, A.B., M.D.

Consulting Surgeons

J. M. T. Finney, A.B., M.D., D.S.M., F.R.C.S. (Eng. Ire.) Hon.
Randolph Winslow, A.B., M.A., M.D., LL.D.

Surgeon

Arthur M. Shipley, Sc.D., M.D.

Plastic Surgeon

John Staige Davis, B.Sc., M.D.

Neuro-Surgeon

Charles Bagley, Jr., A.B., M.D.

Consulting Oculist and Aurist

Hiram Woods, A.B., M.D., LL.D.

Oculist and Aurist

William Tarun, M.D.

Laryngologist

Edward A. Looper, M.D.

Assistant Laryngologists

F. B. Anderson, M.D.
Everett L. Bishop, M.D.
Allen Holden, M.D.
Marshall P. Byerly, M.D.

Dentists

J. B. Bell, D.D.S.
C. Merle Dixon, Jr., D.D.S.

Consulting Physicians

Lewellys F. Barker, A.B., M.D.
Thomas B. Futcher, A.B., M.D.
Thomas R. Brown, A.B., M.D.
William S. Thayer, A.B., M.D.

Pediatrist

Benjamin Tappan, A.B., M.D.

Dermatologist

John R. Abercrombie, A.B., M.D.

Pathologist
Sydney M. Cone, A.B., M.D.

Attending Pathologist
Howard J. Maldeis, M.D.

Neurologist
Irving J. Spear, M.D.

Resident Surgeon
Clement R. Monroe, M.D.

Resident Student Interne
Samuel Philip Sardo

Head Nurse
Miss Grace Lovell Elgin, R.N.

Dispensary and Social Service Nurse
Miss Mabel S. Brown, R.N.

Physiotherapists, Masseuses and Instructors in Corrective Gymnastics
Miss Anita Renshaw Presstman
Mrs. Georgiana Wisong
Miss Elizabeth Emory
Miss Florence Grape

Roentgenologists
Albertus Cotton, A.M., M.D.
Henry J. Walton, M.D.
Mrs. Georgiana Wisong

Instructors in Grammar School
Miss Mary H. Lee, *Principal*
Miss Mary Sampson, *Assistant*

Superintendent and Business Manager
Mrs. M. E. Lane

ST. VINCENT'S INFANT ASYLUM

The facilities of this institution, containing 250 infants and children, have been kindly extended to the University of Maryland by the Sisters of Charity. This large clinic enables this school to present to its students liberal opportunities for the study of diseases of infants and children.

STAFF

Obstetrician

Dr. L. H. Douglass

Pediatricians

Dr. W. C. Bacon
Dr. C. R. Goldsborough
Dr. W. H. Ingram
Dr. C. L. Joslin

Surgeon

Dr. N. Winslow

Dermatologist

Dr. J. A. Buchness

Oculists

Dr. C. A. Clapp
Dr. F. B. Anderson

Orthopedic Surgeon

Dr. W. H. Daniels

Physician

Dr. C. P. Clautice

Epidemiologist

Dr. H. E. Reifschneider

LIBRARIES

The University Library, founded in 1813 by the purchase of the collection of Dr. John Crawford, now contains 28,398 volumes, a file of 70 current (medical) journals, and several thousand pamphlets and reprints. It is well stocked with recent literature, including books and periodicals of general interest. The home of the Library is Davidge Hall, a comfortable and commodious building in close proximity to the classrooms and the Laboratories of the Medical Department. The Library is open daily during the year, except in August, for use of members of the Faculty, the students, and the profession generally.

The Library of the Medical and Chirurgical Faculty of Maryland, containing 50,000 volumes, is open to the students of the school. The leading medical publications of the world are received by the Library, and complete sets of many journals are available. Other Libraries of Baltimore are the Peabody (254,547 volumes) and the Enoch Pratt Free Library (558,324 volumes).

All these Libraries are open to the students of the school without charge.

ORGANIZATION OF THE CURRICULUM

The following curriculum is the result of a thorough revision of teaching in this school in order to meet modern requirements. The multiplication of specialties in medicine and surgery necessitates a very crowded course and the introduction of electives will very soon be depended on to solve some of the difficulties.

The curriculum is organized under eleven departments:

1. Anatomy (including Histology and Embryology).
2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology and Otology.

The instruction is given in four years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures and functions of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in Medicine and Surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the needs of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF ANATOMY, INCLUDING HISTOLOGY AND EMBRYOLOGY

C. L. Davis, M.D	Professor of Anatomy
Eduard Uhlenhuth, Ph.D	Associate Professor of Anatomy
John F. Lutz, M.D	Instructor in Histology
Wm. R. Johnson, M.D	Assistant in Anatomy
Robt. W. Johnson, M.D	Assistant in Anatomy
Joseph Pokorny, M.D	Assistant in Histology
Jas. W. Nelson, M.D	Assistant in Histology
J. Hulla, M.D	Assistant in Histology

Gross Anatomy. *First Year.* Three to four hours every day for approximately 30 weeks. The entire course centers around the dissection of the human body. Each student is given opportunity of dissecting an entire half (left or right) of the body. The dissection is supplemented by lectures and informal discussions.

Anatomy is taught as an independent science, emphasis being laid on the human species as contrasted to animal morphology. An attempt is made to familiarize the student with the elements of anthropometry, with systematic and regional anatomy, with the principles of topographical anatomy and with osteology.

The actual dissection is preceded by a general examination of the body surface and superficial organs. Opportunity is provided for taking representative measurements of the head, face, trunk and limbs and of acquiring a knowledge of using anthropometric instruments. Throughout the dissection the student is encouraged to take measurements and weights of all the major organs, including the brain and the endocrine organs, and to obtain a knowledge of the proportions of each organ to the body as a whole as well as to the variability of these proportions.

The dissection is undertaken in relation to topographical regions of the body, but systematic relations are continuously emphasized and, wherever possible, brought out by actual dissection.

Osteology is taught in conjunction with the dissection of the muscles and the study of the functional mechanism of the skeletomuscular apparatus. Each student is provided with a set of bones to aid him in his homework. A charge of $6 is made for each set, $4 of which is returned at the end of the year, while the remaining $2 are used for the upkeep of old and the purchase of new skeletal material. Fifty complete and perfect skeletons of the whole body and about as many of the limbs are available for reference and special advanced work.

At the end of the course the entire work is reviewed in a series of lectures presenting the entire anatomical basis of the most representative physiological activities, such as respiration, secretion, digestion, endocrine activity, parturition, etc.

As a continuation of the knowledge gained from the dissection of the peripheral spinal and autonomic nervous system and as an introduction to neuro-anatomy, each student is given an opportunity to dissect a complete human brain.

Second, Third and Fourth Years. Opportunity is provided for advanced special dissections and for research work in every branch of anatomy. Dr. Eduard Uhlenhuth.

Histology and Embryology

First Year. Lectures, recitations and laboratory work, eight hours each week for thirty-two weeks. Histology and embryology are taught as a common subject, the histogenesis of a part preceding its histological study.

The most important part of the work will be done in the laboratory, where each student will be provided with apparatus, staining fluids and material necessary for the preparation of specimens for microscopial examination. An important aid to the course is the projection microscope and balopticon which are used for the projection upon a screen of magnified images of the specimens actually used in the laboratory, and of illustrations from standard text-books.

Each student is provided with a loan collection of histological slides, for which a deposit of $10 is required. This deposit is refunded upon the return of the slides in a satisfactory condition.

DEPARTMENT OF PHYSIOLOGY

Harry J. Deuel, Jr., Ph.D	Professor of Physiology
Ferd A. Ries, M.D	Associate Professor of Physiology
Charles C. Conser, M.D	Associate Professor of Physiology
Samuel B. Wolfe, M.D	Associate in Physiology
George A. Knipp, M.D	Instructor in Physiology

1. The required course consists of lectures, recitations, laboratory work, demonstrations and conferences in the first and second years.

First Year. One hour a week is devoted to the subject during the first year. The lectures are devoted to a general survey of the subject and to the physiology of digestion and blood.

Second Year. Three one-hour periods weekly throughout the year are devoted to lectures and recitations. At these lectures, charts, lantern slides and demonstrations are used. Three hours weekly during the first semester and six hours per week during the second semester are spent in the laboratory.

The laboratory work of the second year begins with a study of irritability and contractility and with methods of making precise quantitative physiological observations and controls, curve plotting, interpretation of data and the use of physiological apparatus. Students work in groups of two at completely equipped desks, and the material consists largely of the frog and turtle.

This is followed by experiments in which the students work in groups of four to six, largely upon mammals as well as themselves, and includes the subjects: circulation and body fluids, respiration, digestion, secretion, metabolism, internal secretion, central nervous system and special senses. Specially equipped laboratories are used for certain parts of the work. Students are taught to treat animals with the same consideration and interest as patients.

The work is arranged to illustrate fundamental principles of physiology and at the same time familiarize the students in methods of thought and technique essential to diagnosis and directly applicable to the clinic and bedside.

2. Clinical Physiology. During the second semester of the second year a one-hour clinic is held each week by the Department of Medicine to correlate physiology and medicine and serve as an introduction to the work of the clinical years.

3. Elective Work. This is offered to students of the third and fourth years, without credit, in the following subjects: basal metabolism, internal secretions and central nervous system.

4. Research. Hours to be arranged. The facilities of the laboratory are available to qualified persons to undertake original investigation, the laboratory bearing all reasonable expense for material.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Frank W. Hachtel, M.D.	Professor of Bacteriology
William Royal Stokes, M.D., Sc.D.	Professor of Bacteriology
J. A. F. Pfeiffer, M.D.	Instructor in Bacteriology
Henry F. Buettner, M.D.	Instructor in Bacteriology

Instruction in bacteriology is given in the laboratory to the students of the second year during the first semester. This includes the various methods of preparation and sterilization of culture media, the study of pathogenic bacteria and the bacteriological examination of water and milk. The bacteriological diagnosis of the communicable diseases is also included in this course. Animal inoculations are made in connection with the bacteria studied. The most important protozoa are also studied in the laboratory. The principles of general bacteriology are taught by quiz, conference and lecture.

The principles of immunology are presented by means of quizzes, conferences and lectures to the second-year class throughout the second semester, and practical experiments are carried out by the class in laboratory sessions of three hours each, held twice weekly during the semester.

DEPARTMENT OF BIOLOGICAL CHEMISTRY

H. Boyd Wylie, M.D.	Professor of Biological Chemistry
Frank N. Ogden, M.D.	Associate in Biological Chemistry
Emil G. Schmidt, Ph.D.	Associate in Biological Chemistry
Ruth F. Carr, B.S.	Assistant in Biological Chemistry

Instruction in biological chemistry comprises laboratory work, lectures and conferences.

The laboratory work consists in the study of important indicators, volumetric solutions, buffer solutions, colloids and membrane phenomena followed by experiments illustrating the physical and chemical properties of carbohydrates, proteins and lipins. Subsequently, the examination of hydrolytic and oxidative enzymes, gastric contents, tissues of the body, bile, milk and the investigations of blood and urine chemistry conclude the assigned experimental work.

The lectures treat of laboratory technique, the chemistry of indicators, hydrogen-ion concentration, the physical chemistry of the cell, osmosis, diffusion, dialysis, the law of mass action, reversible reactions, catalysis and enzymes. The following lectures refer to the metabolism of water, salts, other inorganic substances, carbohydrates, proteins and lipins, vitamins and deficiency diseases, dietary requirements, basal metabolism, acid-base balance and, finally, the secretions and excretions.

The conferences are conducted by one of the instructors and take the form of short, written examinations and informal oral quizzes.

PHARMACOLOGY AND MATERIA MEDICA

William Henry Schultz, Ph.B., Ph.D	Professor of Pharmacology
O. G. Harne, A.B	Associate Professor of Pharmacology
William Glenn Harne	Assistant in Pharmacology
Ruth Musser, A.B	Assistant in Pharmacology

1. Materia Medica and Pharmacology. Fifty-six hours required.

The methods now used in presenting the subject-matter of Materia Medica and Prescription Writing have evolved as a result of some years of practical teaching. The science of Pharmacology has introduced methods of critical analysis in the choice of drugs proposed for use as medicine. As aids in determining the particular drugs chosen for study, use is made of the "United States Pharmacopoeia" and "New and Non-Official Remedies."

Official titles, whenever practicable, are expressed in English and all quantities are stated in terms of the metric system. The only way to get away from the unscientific system of English weights and measures, and from a Latin system which few ever learn correctly, is to refuse to teach either one of them.

When possible, drugs are grouped according to their chemical composition and the influence of various radicals and side chains emphasized, whereas drugs, the chemistry of which is not definitely established, are grouped according to their dominant physiological action. Following the Pharmacology of a given group, their place in practical medicine is indicated, and the student is requested to prescribe same in suitable form. Thus a Materia Medica is developed throughout the course, based upon Pharmacological action of drugs.

2. Systematic Pharmacology. Ninety-six hours required. Second year. In this portion of the course the student is taught Pharmacology as a pure science. The aim is to attain a mean between that which has a purely scientific bearing and that dominantly practical, so that both a critical attitude toward drugs and an understanding of the principles of dosage may be acquired. This is accomplished by lectures, quizzes, conferences and the following course of laboratory exercises.

3. Pharmacodynamics. Ninety-six hours. Second Year. This laboratory course runs parallel with Pharmacology 2. Many of the most important problems of Immunology, Parasitic intoxications, and of Chemotherapy are essentially Pharmacological. In the first part of the course the experiments are upon normal animals, hence, primarily toxicological in character. In the latter part of the course more and more emphasis is laid upon what is now designated as chemo-therapeutic index of drugs.

4. Pharmacology of General and Local Anesthetics and Soporifics. Four weeks, three lectures, three laboratory periods a week. This is a special course designed to meet the needs of physician and graduate nurse who wish to acquire a knowledge of the more recent developments in the pharmacology of depressant and sleep-producing drugs. The course is so arranged that those properly qualified may continue the work under expert anesthetists in the wards of the hospitals connected with the university. Professor Schultz.

5. Research in Pharmacology and Chemo-Therapy. Properly qualified students are admitted to the laboratory with a view to their carrying on original investigations in drug action. Thoroughly equipped laboratories are well adapted for post-graduate study and research in Pharmacology. Hours will be arranged to suit the applicant. Professor Schultz.

DEPARTMENT OF PATHOLOGY

Hugh R. Spencer, M.D.	Professor of Pathology
Standish McCleary, M.D.	Professor of Pathology
Sydney M. Cone, M.D.	Associate Professor of Pathology
Robert B. Wright, M.D.	Assistant Professor of Pathology
Albert E. Goldstein, M.D.	Associate in Pathology
M. Alexander Novey, M.D.	Instructor in Pathology
Wm. S. Love, Jr., M.D.	Instructor in Pathology
A. A. Sussman, M.D.	Instructor in Pathology
Howard M. Bubert, M.D.	Instructor in Pathology
Leon Freedom, M.D.	Instructor in Pathology
M. H. Goodman, M.D.	Instructor in Pathology
Walter C. Merkel, M.D.	Instructor in Pathology
Samuel Glick, M.D.	Assistant in Pathology
Benjamin Abeshouse, M.D.	Assistant in Pathology
W. D. Hawkins, M.D.	Assistant in Pathology
W. R. Johnson, M.D.	Assistant in Pathology

Courses of instruction in Pathology are given during the second and third years. These courses are based on previous study of normal structure and function and aim to outline the natural history of disease. Instruction is made as practical as possible that the student may become familiar with the appearance of tissues in disease and may be able to correlate anatomical lesions with clinical symptoms and signs.

1. General Pathology and Histo-Pathology. This course is given to second-year students. It includes the study and demonstration of disturbances of the body fluids, disturbances of structure, nutrition and metabolism of cells, disturbances of fat, carbohydrate and protein metabolism, disturbances in pigment metabolism, inflammation and tumors. The laboratory course consists in a daily preliminary talk on the subject for study, following which the student takes up the study of microscopical sections. Gross material from autopsy and from the museum is demonstrated in conjunction with the microscopical sections.

2. Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology. *Third-year Students.* In this course the special relationship of the gross and microscopical lesions to clinical symp-

toms and signs is emphasized. Fresh material from autopsy collected at the various hospitals is demonstrated and supplemented by a study of the respective autopsy protocols.

3. AUTOPSIES. *Third Year.* Autopsy technique is taught to small groups of students by special instruction at autopsies performed at the various hospitals. Students are required to assist at the autopsy, study the organs, examine the microscopical sections, make cultures and prepare autopsy protocols.

4. CLINICAL PATHOLOGY CONFERENCE. *Fourth Year.* In collaboration with the Department of Medicine. Material from autopsies is studied with reference to the correlation of the clinical aspects with the pathological findings.

5. ADVANCED WORK IN PATHOLOGY. Properly qualified students will be permitted to carry out advanced or research work along the lines of experimental pathology.

DEPARTMENT OF MEDICINE

Maurice C. Pincoffs, B.S., M.D.	Professor of Medicine
Gordon Wilson, M.D.	Professor of Medicine
Standish McCleary, M.D.	Professor of Pathology and Clinical Medicine
Jos. E. Gichner, M.D.,	Professor of Clinical Medicine and Physical Therapeutics
Charles W. McElfresh, M.D.	Professor of Clinical Medicine
G. Carroll Lockard, M.D.	Professor of Clinical Medicine
Harvey G. Beck, Sc.D., M.D.	Professor of Clinical Medicine
Paul W. Clough, B.S., M.D.	Associate Professor of Medicine
C. C. W. Judd, A.B., M.D.	Associate Professor of Medicine
Sydney R. Miller, M.D.	Associate Professor of Medicine
Walter A. Baetjer, A.B., M.D.	Associate Professor of Medicine
Harry M. Stein, M.D.	Associate Professor of Medicine
H. D. McCarty, M.D.	Associate Professor of Clinical Medicine
Wm. H. Smith, M.D.	Associate Professor of Clinical Medicine
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
S. Lloyd Johnson, M.D.	Assistant Professor of Medicine
John G. Huck, M.D.	Assistant Professor of Medicine
George McLean, M.D.	Assistant Professor of Medicine
C. C. Habliston, M.D.	Assistant Professor of Medicine
L. A. M. Krause, M.D.	Associate in Medicine
Bartus T. Baggott, M.D.	Associate in Medicine
H. R. Peters, M.D.	Associate in Medicine
H. M. Bubert, M.D.	Associate in Medicine
W. S. Love, Jr., A.B., M.D.	Associate in Medicine
A. A. Sussman, M.D.	Associate in Medicine
W. I. Messick, M.D.	Associate in Clinical Medicine
William Michel, M.D.	Instructor in Medicine
Edward Novak, M.D.	Instructor in Medicine
M. G. Gichner, M.D.	Instructor in Medicine
William A. Strauss, M.D.	Instructor in Medicine
R. Hooper Smith, M.D.	Assistant in Medicine
W. H. Woody, M.D.	Assistant in Medicine
J. S. Eastland, M.D.	Assistant in Medicine
T. Nelson Carey, M.D.	Assistant in Medicine

GENERAL OUTLINE

SECOND YEAR

Introduction to clinical medicine.

- (a) Introductory physical diagnosis.
  (1 hour a week, first semester.)
  (2 hours a week, second semester.)
- (b) Medical clinics.
  (1 hour a week, second semester.)

THIRD YEAR

I. The methods of examination (13 hours a week).

- (a) History taking.
- (b) Physical diagnosis.
- (c) Clinical pathology.

These subjects are taught and practiced in the out-patient department and in the clinical laboratory.

II. The principles of medicine (7 hours a week).

- (a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics and preventive medicine.

III. The principles of therapeutics (2 hours a week).

Lectures and demonstrations in general therapeutics, physical therapeutics and materia medica.

FOURTH YEAR

The practice of medicine.

I. Clinical clerkship on the medical wards.
(26 hours a week for ten weeks.)

- (a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.
- (b) Ward classes in general medicine, the medical specialties, and therapeutics.

II. Clinics in general medicine and the medical specialties.
(6 hours a week.)

III. Dispensary work in the medical specialties.

IV. Clinical pathological conferences (1 hour a week.)

Medical Dispensary Work

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two periods a week of two hours each in dispensary work.

The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Physical Diagnosis

Second Year. Didactic lectures and practical demonstrations in topographical anatomy and normal physical signs.

Third Year. The class is divided into small groups, and each section receives instruction for four hours a week for the entire session in the medical dispensaries of the hospitals. The large clinical material of the dispensaries and hospitals is utilized to give each student the opportunity to familiarize himself with the common types of bodily structure, with the normal variations in physical signs and with the physical signs of the chief pulmonary, circulatory and abdominal diseases.

Therapeutics

Third Year. General therapeutics and materia medica are taken up and an effort is made to familiarize the student with the practical treatment of disease. The special therapy of the chief diseases is then reviewed. Two hours a week. Dr. Lockard.

The principles of physical therapy are taught in a special lecture and demonstration course consisting of six one-hour periods. Dr. Gichner.

Fourth Year. Special consideration is given to the practical application of therapeutic principles in bedside teaching and the chief therapeutic methods are demonstrated.

Tuberculosis

During the third year in connection with the instruction in physical diagnosis a practical course is given weekly to sections of the class at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

Syphilis

Third Year. During the third year the subject of syphilis will be dealt with in the lecture course.

Fourth Year. An elective course in the therapeutic management of syphilis will be offered in the dispensary.

CLINICAL PATHOLOGY

John G. Huck, M.D.	Assistant Professor of Medicine Head of Department of Clinical Pathology
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
M. G. Gichner, M.D.	Instructor in Medicine
William A. Strauss, M.D.	Instructor in Medicine
R. Hooper Smith, M.D.	Assistant in Medicine

During the third year the student is thoroughly drilled in the technique of the usual clinical laboratory work, so that he is able to perform all routine examination which may be called for during his fourth year, in connection with the work in the wards and dispensary.

The practical work is supplemented by a series of didactic lectures and demonstrations in which the entire teaching staff of the department takes an active part. The microscopical and chemical study of blood, exudates and transudates, gastric juice, spinal fluid, feces and urine are successively taken up, and special attention directed to the clinical significance of the findings.

Clinical parasitology from the standpoint of the infecting agent and the carrier is given careful consideration.

The entire course is thoroughly practical. Each student has his own microscope and is provided with blood counters and hemoglobinometer for his exclusive use, and every two students with a special laboratory outfit for all routine purposes.

During the fourth year the student applies what he has learned during the preceding year in the laboratories of the various affiliated hospitals. He is also supplied with a laboratory outfit which is sufficiently complete to enable him to work independently of the general equipment. Special instructors are available during certain hours to give necessary assistance and advice.

GASTRO-ENTEROLOGY

Julius Friedenwald, A.M., M.D.	Professor of Gastro-Enterology
T. Fred Leitz, M.D.	Clinical Professor of Gastro-Enterology
J. Harry Ullrich, M.D.	Associate Professor of Gastro-Enterology
Theodore H. Morrison, M.D.	Associate Professor of Gastro-Enterology
Maurice Feldman, M.D.	Assistant Professor of Gastro-Enterology
Zachariah Morgan, M.D.	Associate in Gastro-Enterology
Joseph Sindler, M.D.	Instructor in Gastro-Enterology
M. S. Koppelman, M.D.	Instructor in Gastro-Enterology
N. J. Davidov, M.D.	Instructor in Gastro-Enterology
Albert Eisenberg, M.D.	Instructor in Gastro-Enterology
I. S. Zinberg, M.D.	Instructor in Gastro-Enterology
Isidore I. Levy, M.D.	Instructor in Gastro-Enterology
Leo T. Brown, M.D.	Assistant in Gastro-Enterology
C. Vance Hooper, M.D.	Assistant in Gastro-Enterology

Fourth Year. Clinics, recitations and demonstrations to the class for one hour a week throughout the session. Dispensary instruction to small groups throughout the entire session. Practical instruction in the differential and clinical diagnosis and demonstrations of the newer methods of diagnosis in gastro-intestinal affections.

PSYCHIATRY

R. M. Chapman, M.D.	Professor of Psychiatry
H. S. Sullivan, M.D.	Associate Professor of Psychiatry
Harry Goldsmith, M.D.	Instructor in Psychiatry

Third Year. In the third year the student attends fifteen clinical lectures and five clinics which are designed to be introductory to the more intensive work in psychiatry in the fourth year.

Fourth Year. The class is divided into sections for clinical conferences on selected groups of cases. Each student may work for a short period as assistant in the Mental Hygiene Clinic, and thus gain practical experience of the problems of history-taking, examination, and the care of psychiatric patients.

PEDIATRICS

Charles L. Summers, M.D	Professor of Pediatrics
Edgar B. Friedenwald, M.D	Professor of Clinical Pediatrics
C. Loring Joslin, M.D	Clinical Professor of Pediatrics
John H. Traband, M.D	Associate in Pediatrics
Clarence E. Macke, M.D	Associate in Pediatrics
Albert Jaffe, M.D	Associate in Pediatrics
William J. Todd, M.D	Instructor in Pediatrics
F. Stratner Orem, M.D	Instructor in Pediatrics
William G. Geyer, M.D	Instructor in Pediatrics
George A. Knipp, M.D	Instructor in Pediatrics
Bernard J. Ferry, M.D	Instructor in Pediatrics
I. J. Feinglos, M.D	Instructor in Pediatrics
Frederick B. Dart, M.D	Instructor in Pediatrics
R. M. Hening, M.D	Instructor in Pediatrics
Marie Kovner, M.D	Instructor in Pediatrics
Clewell Howell, M.D	Instructor in Pediatrics
Samuel Glick, M.D	Instructor in Pediatrics
Elizabeth Sherman, M.D	Instructor in Pediatrics
M. N. Putterman, M.D	Instructor in Pediatrics
A. H. Finkelstein, M.D	Instructor in Pediatrics
Louis T. Lavy, M.D	Assistant in Pediatrics
Benjamin Miller, M.D	Assistant in Pediatrics
E. V. Teagarden, M.D	Assistant in Pediatrics
S. C. Feldman, M.D	Assistant in Pediatrics

Third Year. Instruction during the third year consists of one lecture each week in which infant feeding and the most important diseases of infancy and childhood are especially emphasized. Drs. Summers and Friedenwald.

Fourth Year. During this year a weekly clinical lecture is given where the character of disease is fully demonstrated and the students are afforded an opportunity for personal examination of all cases. In addition, ward classes are held weekly where bedside instruction is given. A section of the class also works daily at the Babies' and Children's Clinic. This clinic, which is under the direction of Dr. Summers, has a yearly attendance of more than twenty thousand, and offers an excellent opportunity for study and observation of a wide variety of cases under competent instructors.

Instruction is also given on the Children's Ward at the Mercy Hospital.

NEUROLOGY

Irving J. Spear, M.D. . . . . Professor of Neurology
Andrew C. Gillis, A.M., M.D., LL.D. . . . . Professor of Neurology
G. M. Settle, A.B., M.D.,
Associate Professor of Neurology and Clinical Medicine
Benjamin Pushkin, M.D. . . . . Associate Professor of Clinical Neurology
Milford Levy, M.D. . . . . Associate in Neurology
Leon Freedom, M.D. . . . . Associate in Neurology
Robert Hodes, M.D. . . . . Instructor in Neurology

Third Year. Lectures and recitations one hour each week to the entire class. Instruction in clinical neurology two hours a week at the City Hospital to small groups. By means of didactic lectures and clinical conferences, there are considered the commoner types of diseases of the nervous system, the methods of neurological examination, and the relationship of signs and symptoms to pathological conditions. The material at the University and Mercy Hospitals is available.

Fourth Year. Clinical conference one hour each week to the entire class. This subject is taught at the University and Mercy Hospitals. All cases presented at these clinics are carefully examined; complete written records are made by the students who demonstrate the cases before the class. The cases are usually assigned one or two weeks before they are presented, and each student in the class must prepare one or more cases during the year.

Ward Class Instruction. In small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the cases in the wards under the supervision of the instructor.

Dispensary Instruction. Small sections are instructed in the dispensaries of the University and Mercy Hospitals four afternoons each week. In this way students are brought into contact with nervous diseases in their earlier as well as later manifestations.

HYGIENE AND PREVENTIVE MEDICINE

C. Hampson Jones, M.D., C.M. . . . . . . Professor of Hygiene and Public Health
V. L. Ellicott, M.D. . . . . Instructor in Hygiene and Public Health
M. G. Tull, M.D. . . . . Instructor in Hygiene and Public Health

Third Year. Two lectures a week throughout the session. The lectures will encompass the fundamental subjects: air, water, soil, food, disposal of wastes, communicable diseases, state and federal public health laws, and industrial diseases. Small groups visit the Sydenham Hospital weekly and are given practical instruction in the diagnosis, treatment and isolation of the contagious diseases.

Fourth Year. Small groups visit the City Board of Health Laboratories for practical instruction in the laboratory, field and administrative aspects of public health work.

MEDICAL JURISPRUDENCE

H. J. MALDEIS, M.D. ....Associate Professor of Medical Jurisprudence
Baltimore City Post Mortem Physician

Fourth Year. One hour each week for one semester.

Inasmuch as Medical Jurisprudence teaches the application of every branch of medical knowledge to the needs of the law, civil or criminal, this course embraces the following: Proceedings in criminal and civil prosecution; medical evidence and testimony; identity in its general relations; sexual abnormalities; personal identity; impotence and sterility; rape; criminal abortions; signs of death; wounds in their medico-legal relations; death, natural and homicidal; malpractice; insanity and medico-legal autopsies.

DEPARTMENT OF SURGERY

Arthur M. Shipley, Sc.D., M.D	Professor of Surgery
Alexius McGlannan, A.M., M.D	Professor of Surgery
Nathan Winslow, A.M., M.D	Clinical Professor of Surgery
Page Edmunds, M.D	Clinical Professor of Industrial Surgery
Walter D. Wise, M.D	Clinical Professor of Surgery
Joseph W. Holland, M.D	Clinical Professor of Surgery
Frank S. Lynn, M.D	Clinical Professor of Surgery
Elliot H. Hutchins, A.M., M.D	Clinical Professor of Surgery
Thomas R. Chambers, A.M., M.D	Associate Professor of Surgery
R. W. Locher, M.D	Associate Professor of Operative and Clinical Surgery
Charles Reid Edwards, M.D	Associate Professor of Surgery
A. M. Evans, M.D	Associate Professor of Surgery
F. L. Jennings, M.D	Associate Professor of Surgery
E. H. Hayward, M.D	Associate in Surgery
E. S. Johnson, M.D	Associate in Surgery
C. A. Reifschneider, M.D	Associate in Surgery
M. J. Hanna, M.D	Associate in Surgery
H. M. Foster, M.D	Associate in Surgery
D. J. Pessagno, M.D	Associate in Surgery
C. F. Horine, M.D	Instructor in Surgery
Monte Edwards, M.D	Instructor in Surgery
I. O. Ridgely, M.D	Instructor in Surgery
W. R. Johnson, M.D	Instructor in Surgery
E. M. Hanrahan, A.B., M.D	Instructor in Surgery
H. F. Bongardt, M.D	Instructor in Surgery
Dwight Mohr, M.D	Assistant in Surgery
Wm. R. Geraghty, M.D	Assistant in Surgery
S. Demarco, M.D	Assistant in Surgery
Clyde Marvel, M.D	Assistant in Surgery
H. M. McElwain, M.D	Assistant in Surgery
J. G. Onnen, M.D	Assistant in Surgery
James Brown, M.D	Assistant in Surgery
A. V. Buchness, M.D	Assistant in Surgery
Karl J. Steinmueller, A.B., M.D	Assistant in Surgery
Thomas B. Aycock, A.B., M.D	Assistant in Surgery
Robert W. Johnson, M.D	Assistant in Surgery

The teaching is done in the Anatomical Laboratory and the dispensaries, wards, clinical laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and dead-house of the Baltimore City Hospital.

Instruction is given by means of lectures, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year, and continues throughout the third and fourth years.

Second Year

Topographic and Surgical Anatomy. Ten hours a week for the first semester. The course is designed to bridge the gap between anatomy in the abstract, and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected when necessary to bring out outlines and relations of structures.

Didactic Lectures. Two hours a week for one semester, augmented by demonstrations with specimens, charts, and cross section. Dr. Holland.

Laboratory. Twelve hours a week for 8 weeks. Dr. Hanna, assisted by Drs. Brady, Hundley, Boyd, Jacobson, and Mr. Clark.

Principles of Surgery. This course includes history-taking, records of physical examinations and of operations and progress notes; the preparation of surgical dressings, suture materials and solutions. It includes inflammation, infections, ulcers, gangrene, fistulae and sinuses, hemorrhage and shock; the use of splints, bed frames, bone plates, bone grafts, etc., local anaesthesia and the preparation of patients for operations. Lectures and conferences. Two hours per week for one semester to the entire class. Dr. Edwards.

Third Year

General and Regional Surgery. Principles of surgery and general surgery, three hours a week throughout the year to the entire class, lectures, recitations and clinics. Dr. Shipley.

The class is divided into groups and receives instruction in history-taking, gross pathology, and surgical diagnosis—at the bedside and in the dead-house of the Baltimore City Hospital. Drs. Shipley, Lynn and Reifschneider.

Operative Surgery. Instruction is given in operative surgery upon the cadaver and on dogs. The class is divided into sections, and each section is given practical and individual work under the supervision of the instructors. Dr. Frank S. Lynn, assisted by Drs. Nathan Winslow, Hayward, E. S. Johnson, Foster, Geraghty, Demarco, Horine, Pessagno, Onnen, Maxson, W. R. Johnson, Buchness, Hanrahan, Brown, Steinmueller, Sigrist, Walker and Jensen.

FRACTURES AND DISLOCATIONS. Twenty-four hours to the entire class. This course consists of instruction in the various forms of fractures and dislocations and their treatment, and serves as a preparatory course for clinical work. Drs. Wise and Jennings.

SURGICAL DISPENSARY. Under supervision, the student takes the history, makes the physical examinations, attempts the diagnosis, and, as far as possible, carries out the treatment of the ambulatory surgical cases in the University and in the Mercy Hospitals. Mercy Hospital—Drs. Dwight Mohr, Ridgely, Passagno, Bongardt and McElwain. University Hospital—Drs. Holland, Lynn, Nathan Winslow, Edwards, E. S. Johnson and Foster.

Fourth Year

CLINICS. A weekly clinic will be given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Dr. McGlannan. University Hospital—Dr. Shipley.

SURGICAL PATHOLOGY. A weekly exercise of one hour at Mercy Hospital for one semester, at which specimens from the operating-room and museum are studied in the gross and microscopically, in relation with the case history. Dr. McGlannan.

INDUSTRIAL SURGERY. Operative and post-operative treatment of accident cases, with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. Edmunds.

CLINICAL CLERKSHIP. The personal study of assigned hospital patients, under supervision of the staffs of University and of Mercy Hospitals, history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

WARD CLASSES. Ward class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. McGlannan, Wise, Elliot Hutchins, Evans and Jennings. University Hospital—Drs. Shipley, Holland, Edmunds, Lynn and Edwards.

ANAESTHESIA

Second Year

Lectures on history of anaesthesia: Ancient and Modern. General physiology of anaesthesia. Special physiology of each anaesthetic agent. Different methods for producing general anaesthesia, with a detailed description of each. The selection of the anaesthetic and method best suited for its administration in particular cases. Difficulties and accidents during and following anaesthesia, their causes, prevention and control. Different methods of resuscitation. Blood pressure: Its significance and bearing on selection of the anaesthetic and use as a guide during anaesthesia.

Eight hours to the entire class. Drs. S. Griffith Davis and W. G. Queen.

Fourth Year

During the clinics and operations before small groups, each student will be required to observe the administration of anaesthetics and to keep a chart recording blood pressure, pulse and respiration under the direction of an instructor.

DERMATOLOGY

Melvin Rosenthal, M.D.	Associate Professor of Dermatology
Harry M. Robinson, M.D.	Associate Professor of Dermatology
John R. Abercrombie, A.B., M.D.	Associate in Dermatology
A. C. Monninger, M.D.	Assistant in Dermatology
Harry Wasserman, M.D.	Assistant in Dermatology

Clinical conferences one hour each week to entire class. This course will consist of demonstrations of the common diseases of the skin.

Dispensary instruction, University Hospital, Mondays, Wednesdays and Fridays in the diagnosis and treatment of the common skin diseases. Drs. Abercrombie, Robinson and Gately. Dispensary instruction, Mercy Hospital. Dr. Rosenthal.

ORTHOPAEDIC SURGERY

R. Tunstall Taylor, A.B., M.D.	Professor of Orthopaedic Surgery
Albertus Cotton, A.M., M.D.	Professor of Orthopaedic Surgery
Compton Riely, M.D.	Clinical Professor of Orthopaedic Surgery

Harry L. Rogers, M.D	Associate in Orthopaedic Surgery
Clement R. Monroe, M.D	Associate in Orthopaedic Surgery
Clifford Lee Wilmoth, B.S., M.D	Associate in Orthopaedic Surgery
Moses Gellman, M.D	Instructor in Orthopaedic Surgery
Arnold Lawson Jensen, B.Sc., M.D	Instructor in Orthopaedic Surgery

In this course didactic, clinical, bedside and out-patient instruction will be given. This instruction is provided in the University Hospital Amphitheatre, Mercy Hospital and Dispensary and Kernan Hospital and Industrial School for Crippled Children at "Radnor Park" and in the Dispensary of the University Hospital.

Lectures or clinics will be held at each of the hospitals named in town once a week. In addition, a weekly bedside clinic will be held for small sections of the class at "Radnor Park" and Mercy Hospital. Sectional quizzes are held at stated intervals with mid-year and final examinations.

The course will cover instruction in the special methods of examination, pathology, diagnosis and treatment in this specialty. X-ray interpretation will be stressed. The lectures will cover:

Tuberculosis of the spine, bones and joints; non-tuberculous affections of the spine, bones and joints; fractures, non-union, mal-union, pyogenic infections, malignancy, abnormalities and the arthritides. Arthrodesis and arthrolysis. Rickets and scurvy. Osteomalacia, chondro-dystrophies and osteitis deformans. Torticollis and the paralyses. Bursal, tendinous and muscular affections. Surgery of the hands and feet.

A brief outline and demonstration will also be given of the apparatus employed in Physiotherapy in using Actinotherapy, Thermotherapy, Electrotherapy, Hydrotherapy, Massage and Corrective Gymnastics in treating bone, joint and muscular disabilities.

ROENTGENOLOGY

Henry J. Walton, M.D	Professor of Roentgenology
Albertus Cotton, M.D	Professor of Roentgenology
Eugene L. Flippin, M.D	Assistant in Roentgenology

An effort is made to familiarize the student with the appearance of normal Roentgenograms, after which instruction is given in the interpretation of the more common pathological lesions seen on the X-ray films and fluoroscopic screen. The history, physics and prac-

tical application of Roentgen Rays are alluded to, but not stressed. Weekly demonstrations are given to sections of the fourth year class.

DIATHERMY AND RADIUM THERAPY

Charles Reid Edwards, M.D.,
Associate Professor of Surgery

Students are taken in groups and are taught the indications for the use of radium in the treatment of malignant and non-malignant conditions. The course also includes the use of diathermy in the treatment of disease.

DISEASES OF THE THROAT AND NOSE

Edward A. Looper, M.D.	Clinical Prof. of Diseases of the Throat and Nose
W. F. Zinn, M.D.	Associate Professor of Diseases of the Throat and Nose
Franklin B. Anderson, M.D.	Associate in Diseases of the Throat and Nose
R. F. McKenzie, M.D.	Instructor in Diseases of the Throat and Nose

Third Year. Instruction to entire class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures are illustrated by lantern slides. Dr. Looper.

Fourth Year. Dispensary instruction daily to small sections at the University and the Mercy Hospitals. The student is given opportunity to study, diagnose and treat practical cases under an instructor. Ward classes and clinical demonstrations are given one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

GENITO-URINARY DISEASES

Anton G. Rytina, A.B., M.D.	Professor of Genito-Urinary Diseases
W. H. Toulson, A.B., M.Sc., M.D.,	Associate Professor of Genito-Urinary Diseases
A. J. Gillis, M.D.	Associate Professor of Genito-Urinary Diseases
Harris Goldman, M.D.	Associate in Genito-Urinary Diseases
Austin H. Wood, M.D.	Associate in Genito-Urinary Diseases
L. K. Fargo, M.D.	Instructor in Genito-Urinary Diseases
H. C. Knapp, M.D.	Assistant in Genito-Urinary Diseases

H. T. Collenberg, M.D.................Assistant in Genito-Urinary Diseases
J. H. Collison, M.D....................Assistant in Genito-Urinary Diseases
L. J. Millan, M.D......................Assistant in Genito-Urinary Diseases
William Emrich, M.D................Assistant in Genito-Urinary Diseases
J. Willis Guyton, M.D...............Assistant in Genito-Urinary Diseases
K. D. Legge, M.D.......................Assistant in Genito-Urinary Diseases

Third Year. Eight hours to the entire class. This course is a didactic one in the principles of Genito-Urinary Surgery. Dr. Toulson.

Fourth Year. The course includes urethroscopy, cystoscopy, ureter catheterization, renal functional tests, urography, urine cultures, etc. The teaching consists of clinics in the amphitheater, ward rounds, and attendance by members of the Senior class upon our patients in the dispensary. The dispensary classes are carried on both at the Mercy and the University Hospital dispensaries. In the latter institution the Maryland State Department of Health conducts a venereal-disease clinic, in which 20,133 visits were paid last year. Every variety of venereal disease is here encountered, and this rich wealth of material is available for teaching purposes. In addition to this, a cystoscopic clinic is conducted in another part of the dispensary, where the students are given practical instruction in the modern diagnostic methods.

DISEASES OF THE COLON AND RECTUM

G. Milton Linthicum, A.M., M.D.,
Professor of Diseases of Rectum and Colon
Charles F. Blake, M.D.........Professor of Diseases of Rectum and Colon
J. Dawson Reeder, M.D.,
Associate Professor of Diseases of Rectum and Colon
L. J. Rosenthal, M.D.,
Associate Professor of Diseases of Rectum and Colon
Monte Edwards. M.D..........Instructor in Diseases of Rectum and Colon

Third Year. Six hours to the entire class. This course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and will cover the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Linthicum.

The class is divided into sections for clinical instruction in the Baltimore City Hospital. Dr. Linthicum.

Fourth Year. Ward and Dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope and examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Blake and Rosenthal. University Hospital—Drs. Linthicum and Reeder.

BRONCHOSCOPY AND ESOPHAGOSCOPY

Waitman F. Zinn, M.D.

Associate Professor of Diseases of Throat and Nose

Clinical Lectures and Demonstrations once weekly at University and Mercy Hospitals.

Etiology, symptomatology, diagnosis and prophylaxis of foreign bodies in the air and food passages. Bronchoscopy as an aid in the diagnosis and treatment of diseases of the lungs. Bronchoscopy as an aid to the surgeon. Diseases of the trachea. Diseases of the esophagus. All the phases of these subjects that the general practitioner should know are demonstrated clinically.

DEPARTMENT OF OBSTETRICS

J. M. H. Rowland, M.D	Professor of Obstetrics
L. H. Douglass, M.D	Professor of Clinical Obstetrics
Charles E. Brack, M.D	Clinical Professor of Obstetrics
J. McF. Bergland, M.D	Associate Professor of Obstetrics
E. P. Smith, M.D	Associate in Obstetrics
Emil Novak, M.D	Associate in Obstetrics
J. G. M. Reese, M.D	Associate in Obstetrics
M. A. Novey, A.B., M.D	Associate in Obstetrics
Dudley Pleasants Bowe, M.D	Instructor in Obstetrics
J. G. Murray, Jr., A.B., M.D	Instructor in Obstetrics
Maurice Lazenby, M.D	Instructor in Obstetrics
J. J. Erwin, M.D	Instructor in Obstetrics
Isadore A. Siegel, A.B., M.D	Instructor in Obstetrics
Maurice Shamer, M.D	Assistant in Obstetrics
Knight Reynolds, B.S., M.D	Assistant in Obstetrics

Third Year. Three lectures and recitations each week by Drs. Bergland, Novak, Murray, Douglass and Rowland to entire class. Manikin Work, Drs. Brack, Smith and Erwin to sections of class at Mercy Hospital, and Drs. Douglass, Reese, Novey, Siegel and Rowland at University Hospital.

Fourth Year. Clinical Conference. One hour each week. Drs. Rowland, Douglass, Murray and Lazenby.

Ward Classes. Six hours per week for five weeks to sections of class at University Hospital. Drs. Douglass, Reese, Novey, Reynolds and Rowland.

DEPARTMENT OF GYNECOLOGY

William S. Gardner, M.D	Professor of Gynecology
Hugh Brent, M.D	Associate Professor of Gynecology
Abraham Samuels, M.D	Associate Professor of Gynecology
George A. Strauss, M.D	Associate in Gynecology
R. G. Willse, M.D	Associate in Gynecology
T. K. Galvin, M.D	Associate in Gynecology
J. M. Hundley, Jr., M.D	Associate in Gynecology
Leo Brady, M.D	Associate in Gynecology

Third Year. Didactic Work. A course of thirty lectures and recitations.

Clinical Work. Six hours weekly for one trimester. In this course the student writes the clinical history of each patient in the ward, makes a general physical examination, including the blood and urine, before the patient is brought before the class. One student under supervision gives the anaesthetic, a pelvic examination is made by six students, and any operation required is then done before a section of the class small enough to see clearly what is being done and how it is done. On a subsequent day the whole group examines, microscopically, sections prepared from material removed from patients that have been before them.

DEPARTMENT OF OPHTHALMOLOGY AND OTOLOGY

Harry Friedenwald, A.B., M.D	Professor of Ophthalmology and Otology
J. W. Downey, M.D	Clinical Professor of Otology
M. Randolph Kahn, M.D	Clinical Professor of Ophthalmology
H. K. Fleck, M.D	Associate in Ophthalmology
Joseph I. Kemler, M.D	Associate in Ophthalmology

Third Year. First semester, Course in Diseases of the Eye. Dr. Randolph Kahn. Second semester, Course in Diseases of the Ear. Dr. Downey.

Practical Course in Ophthalmoscopy, once weekly, in sections. Dr. Kemler.

Fourth Year. Clinics in Diseases of the Eye and Ear, weekly. Drs. Harry Friedenwald and Downey.

Ward Studies of ocular and aural lesions associated with general medical diseases, once weekly in sections. Dr. Friedenwald.

Dispensary Instruction, daily to small sections. Drs. Downey, Kahn, Fleck and Kemler.

The courses in Ophthalmology and Otology are designed to familiarize the students with the common diseases of the eye and ear, their recognition and treatment, with a view to meet the needs of the general practitioner. Special emphasis is laid upon the relation between diseases of the eye and the ear and systemic diseases and diseases of other organs.

THE HISTORY OF MEDICINE

John Rathbone Oliver, A.B., M.D., Ph.D.
Professor of the History of Medicine

During the past year a series of lectures was given from March to May, inclusive. It was found impossible to get together a group of students for seminary work but this idea is not given up but merely postponed. The lectures of this year began with the later years of the Revival of Learning and have dealt chiefly with the Seventeenth Century. Harvey, von Helmont and Sydenham have been studied in detail as well as the beginnings of medical life and practice in the American Colonies. Next year we hope to cover the Eighteenth and at least the first half of the Nineteenth Century. Our present scheme is to cover the entire field of the History of Medicine in four series of lectures so that each medical student if he attends every year will have at the end of his four year course a fairly complete review of the History of Medicine. As formerly, the lectures this year have been illustrated with lantern slides and the thanks of the Department are especially due to the Surgeon General's Library in Washington which has allowed us to photograph some of their valuable items for our slides. During the lectures also the students have been allowed to handle and look through copies of the most important works of all those medical authors who have been mentioned in the lectures.

FIRST YEAR SCHEDULE

SESSION 1928-1929

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9-10	Histology And Embryology Laboratory and C. H.	Histology And Embryology Laboratory	Histology And Embryology Laboratory	Biological Chemistry Laboratory Section A.	Biological Chemistry Laboratory Section B.	Oct. 1, 1928 To Apr. 1, 1929 Anatomy Laboratory and C. H.
10-11						
11 to 12		Physiology C. H.				
12 M. to 1 P. M.	Lunch	Lunch	Lunch	Lunch	Lunch	

AFTERNOON SCHEDULE

FROM OCTOBER 1, 1928, TO APRIL 1, 1929

1-2	Anatomy Laboratory C. H. & A. H.	Anatomy Laboratory A. H.	Biological Chemistry C. H.	Biological Chemistry C. H.	Biological Chemistry C. H.	
2-3			Anatomy Laboratory C. H. & A. H.	Anatomy Laboratory C. H. & A. H.	Anatomy Laboratory C. H. & A. H.	
3-4						
4-5						

AFTERNOON SCHEDULE

FROM APRIL 2, 1929, TO END OF SCHOOL YEAR

1-2	Neural Anatomy Laboratory	Neural Anatomy Laboratory	Biological Chemistry C. H.	Biological Chemistry C. H.	Biological Chemistry C. H.	
2-3			Physiology C. H.	Biological Chemistry Laboratory Section A.	Biological Chemistry Laboratory Section B.	
3-4						
4-5						

LOCATIONS OF LECTURE HALLS AND LABORATORIES:

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, N. E. Cor. Lombard and Greene Streets.
Anatomy Laboratory—Third Floor, Gray Laboratory, Lombard and Greene Streets.
Biological Chemistry Laboratory—Third Floor, Dental Building, Lombard and Greene Streets.
Histology and Embryology Laboratory—32-34 S. Paca Street, Sixth Floor.

SECOND YEAR SCHEDULE—First Semester, 1928-1929

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9-10	Physiology A. H.	Physiology A. H.	Physiology A. H.	Laboratory Physiology Section A. Pharmacology Section B.	Laboratory Physiology Section B. Pharmacology Section A.	No Classes Scheduled
10-11	Pharmacology A. H.	Pharmacology A. H.	Pharmacology A. H.			
11 to 12	Pathology A. H.	Pathology A. H.	Bacteriology A. H.			
12 M. to 12.30 P. M.	Lunch	Lunch	(12-1 P. M.) Lunch	(12-1 P. M.) Lunch	(12-1 P. M.) Lunch	
12.30 1.30	Bacteriology Laboratory	Bacteriology Laboratory	(1-2 P. M.) Medicine A. H.	(1-2 P. M.) Surgery A. H.	(1-2 P. M.) Surgery A. H.	
1.30 2.30						
2.30 3.30	Laboratory Physiology Section A. Pharmacology Section B.	Laboratory Physiology Section B. Pharmacology Section A.	(2-4 P. M.) Bacteriology Laboratory	(2-4 P. M.) Bacteriology Laboratory	(2-4 P. M.) Physical Diagnosis Univ. Hosp. Disp.	
3.30 4.30						
4.30 5.30						

SECOND YEAR SCHEDULE—Second Semester, 1928-1929

	Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	A. M. 8.30 9.30	Physiology A. H.	Physiology A. H.	Physiology A. H.	Laboratory Physiology Section A. Pharmacology Section B.	Laboratory Physiology Section B. Pharmacology Section A.	
	9.30 10.30	Pharmacology A. H.	Pharmacology A. H.	Pharmacology A. H.			
	10.30 11.30	Pathology A. H.	Pathology A. H.	Immunology A. H.			
	11.30 12 M.	Lunch	Lunch	Lunch	Lunch	Lunch	(11-12 M.) Surgical Anatomy A. H.
	12-1 P. M.	Pathology Laboratory	Pathology Laboratory	Pathology Laboratory	Pathology Laboratory	Pathology Laboratory	(12-1 P. M.) Medical Clinic Amp.
	1-2						
Feb. 6-April 7	2-3	Immunology Laboratory	Immunology Laboratory	Immunology Laboratory	Immunology Laboratory		
	3-4					Surgical Anatomy A. H.	
	4-5						
April 9-May 25	2-3	Surgical Anatomy Laboratory	Surgical Anatomy A. H.	Surgical Anatomy Laboratory	Surgical Anatomy Laboratory	Surgical Anatomy A. H.	
	3-4		Surgical Anatomy Laboratory			Surgical Anatomy Laboratory	
	4-5						

LOCATIONS OF LECTURE HALLS AND LABORATORIES:

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall—Lower Hall, N. E. Cor. Lombard and Greene Streets.

Laboratories:
Bacteriology—Sixth Floor, 32-34 S. Paca Street.
Immunology—Sixth Floor, 32-34 S. Paca Street.
Pathology—Third Floor, Dental Building, Lombard and Greene Streets.
Pharmacology—Second Floor, Gray Laboratory, Lombard and Greene Streets.
Physiology—First Floor, Gray Laboratory, Lombard and Greene Streets.
Surgical Anatomy—Third Floor, Gray Laboratory, Lombard and Greene Streets.
Amp.—Amphitheatre, University Hospital, Lombard and Greene Streets.
Univ. Hosp. Disp.—Dispensary, University Hospital, Lombard and Greene Streets.

THIRD YEAR SCHEDULE

SESSION 1928-1929

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Therapeutics C. H.	Pathology C. H.	Medicine C. H.	Surgery C. H.	Pathology C. H.	Surgery C. H.
9.30 to 10.30	Obstetrics C. H.	Surgery C. H.	Obstetrics C. H.	Medicine C. H.	Medicine C. H.	Therapeutics C. H.
10.30 to 1 P. M.	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch
1 to 2	Medical Clinic Amp.	Surgery C. H.	Neurology P. & S. 34	Gynecology P. & S. 34	1.15 to 4.15 Clinical Pathology Laboratory	Transfer
2.15 to 3.15	Pathology Laboratory	Pathology Laboratory	2.30-4.30 Section A Clinical Medicine Surgery Gross Pathology at Bay View	*2 to 3.15 Eye P. & S. 34		2-4 Section B Clinical Medicine Surgery Gross Pathology at Bay View
3.15 to 4.15				Clinical Pathology P. & S. 34	32-34 S. Paca St. 6th Floor	
4.15 to 5.15	Pediatrics A. H.	*Obstetrics C. H. **Ear C. H.	2.15-4.15 Section B Group Work Ophthalmoscopy Practical Obstetrics Univ. Hosp.	Preventive Medicine Legal Medicine Mental Hygiene P. & S. 34	Preventive Medicine C. H.	

From 10.30 A. M. to 1.00 P. M. the class is divided into two sections, one section reporting at Calvert and Saratoga Streets, the other at Lombard and Greene Streets.

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital, S. W. Cor. Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

At the beginning of the second semester Section "A" at Bay View on Saturdays, 2-4 P. M., and University Hospital on Wednesdays, 2.15-4.15 P. M.: Section "B" at Bay View on Wednesdays, 2.30-4.30 P. M.

* First Semester.
** Second Semester.

FOURTH YEAR SCHEDULE

SESSION 1928-1929

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 11.00	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery
11.00 to 12.00	Orthopaedic Surgery Univ.Sec.Amp. P. & S. Sec. 51	Medical Clinic Univ.Sec.Amp Surgical Pathology P. & S. Sec. 40	Clinical Pathological Conference Univ. Sec.C.H. P. & S. Sec. 34	Surgical Clinic Univ.Sec.Amp. P. & S. Sec. 51	Medical Clinic Univ.Sec.Amp. P. & S. Sec. 34	Pediatrics Clinic Univ.Sec.Amp. P. & S. Sec. 34
P. M. 12.00 to 2	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary
2.15 to 3.15	Dermatology Clinic (Full Class at Univ. Hosp.) Amp.	Neurology Clinic Univ.Sec.Amp. P. & S. Sec. 34	Eye and Ear Clinic (Full Class at Univ. Hosp.) Amp.	Obstetrical Clinic (Full Class at Univ. Hosp.) Amp.	Gastro-Enterology Clinic (Full Class at Univ. Hosp.) Amp.	Genito-Urinary Clinic P. & S. Sec. 51
3.30 to 5.00	P. & S. Sec. Ward Classes Medicine Urology Eye and Ear	Ward Classes Therapeutics Proctology Radiotherapy	P. & S. Sec. Ward Classes Medicine Roentgenology Preventive Medicine	Ward Classes Medicine Nose & Throat Physical Therapeutics	Ward Classes Neurology Psychiatry U. H. Orthopaedic Surgery Kernan Hospital	
3.30 to 5.00	Univ. Sec. Ward Classes Medicine Urology		Univ. Sec. Ward Classes Medicine Roentgenology Eye and Ear	5 to 6 P. M. March, April and May History of Medicine C. H.		

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets, for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

FIRST SEMESTER	SECOND SEMESTER
1st period, Oct. 1—Nov. 3.	1st period, Jan. 28—Mar. 2.
2nd period, Nov. 5—Dec. 8.	2nd period, Mar. 4—April 6.
3rd period, Dec. 10—Jan. 26.	3rd period, April 8—May 11.

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital.
P. & S., 34—Second Floor, Calvert and Saratoga Streets.
P. & S., 40, 51—Fourth Floor, Calvert and Saratoga Streets.

REQUIREMENTS FOR MATRICULATION

Admission to the course in medicine is by a completed Medical Student Certificate issued by the Registrar of the University of Maryland. This certificate is obtained from the Registrar on the basis of satisfactory educational credentials, and is essential for admission to any class.

The minimum requirements for the issuance of the Medical Student Certificate are:

(a) The completion of a standard four-year high school course or the equivalent, and, in addition, at least

(b) Two years or sixty semester hours of college credits, including chemistry, biology, physics and English.

Women are admitted to the School of Medicine of this University.

(A) HIGH SCHOOL REQUIREMENTS

Graduation from an accredited high or preparatory school, after pursuing a four-year course based upon an eight-year elementary course, or its full equivalent as demonstrated by entrance examinations.

At least fifteen units must be offered.‡

SCHEDULE OF SUBJECTS REQUIRED OR ACCEPTED FOR ENTRANCE TO THE PREMEDICAL COLLEGE COURSE

Subjects	Units*	Required
GROUP I, ENGLISH—(I—II—III—IV)—		
Literature and Composition	3	3
GROUP II, FOREIGN LANGUAGES—		
Latin	2–4	2†
Greek	2–3	
French or German	2–4	
Other foreign languages	2–4	
GROUP III, MATHEMATICS—		
Elementary algebra	1	1
Advanced algebra	½–1	..
Plane geometry	1	1
Solid geometry	½	..
Trigonometry	½	..

Group IV, History and Economics—

Ancient history	1	1
Medieval and modern history	1	
English history	1	
American history	½–1	
Civil government	½–1	
Economics	½–1	

Group V, Science—

Botany	½–1	1
Zoology	½–1	
Chemistry	1	
Physics	1	
Physiography	½–1	
Physiology	½–1	
Astronomy	½	
Geology	½–1	

Group VI, Miscellaneous—

Vocational—including agriculture, commercial, home economics, industrial, etc	1–4

*A unit is the credit value of at least thirty-six weeks' work of four or five recitation periods per week, each recitation period to be not less than forty minutes. In other words, a unit represents a year's study in any subject in a secondary school constituting approximately a quarter of a full year's work. A satisfactory year's work in any subject cannot be accomplished under ordinary circumstances in less than 120 sixty-minute hours, or their equivalent.

†Both of the required units of foreign language must be of the same language, but the two units may be presented in any one of the languages specified.

‡Of the fifteen units of high school work, nine units are required, as indicated in the foregoing schedule; the remainder may be made up from any of the other subjects in the schedule, provided that at least eleven units must be offered in Groups I-V.

(B) DETAILS OF THE COLLEGE REQUIREMENT

a. The preliminary college course shall extend through two college sessions of at least thirty-two weeks each of actual instruction, including final examinations.

b. In excellence of teaching and in content, the work of this preliminary college course shall be equal to the work done in the freshman and sophomore years in standard colleges and universities.

c. This preliminary college course shall include courses in physics, chemistry, biology and English, each course to embrace at least six, eight or twelve hours of work in each subject, as shown in the schedule following:

SCHEDULE OF SUBJECTS OF THE TWO-YEAR PREMEDICAL COLLEGE COURSE

Sixty Semester Hours Required

REQUIRED COURSES:	*Semester Hours*
Chemistry (a)	12
Physics (b)	8
Biology (c)	8
English Composition and Literature (d)	6

COURSES STRONGLY URGED:

- A modern foreign language
- Comparative vertebrate anatomy
- Psychology
- Social science

A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be of not less than fifty minutes' duration net, at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

(a) CHEMISTRY. Twelve semester hours required of which at least eight semester hours must be in general inorganic chemistry, including four semester hours of laboratory work, and four semester hours in organic chemistry, including two semester hours of laboratory work. In the interpretation of this rule, work in qualitative analysis may be counted as general inorganic chemistry.

(b) PHYSICS. Eight semester hours required, of which at least two must be laboratory work. This course presupposes a knowledge of plane trigonometry.

(c) BIOLOGY. Eight semester hours required, of which four must be laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology, or by courses of four semester hours each in zoology and botany, but not by botany alone.

(d) ENGLISH COMPOSITION AND LITERATURE. The usual introductory college course of six semester hours, or its equivalent, is required.

COMBINED COURSE IN ARTS AND MEDICINE

A combined seven years' curriculum is offered, leading to the degrees of Bachelor of Science and Doctor of Medicine. The first three years are taken in residence at College Park, and the last four years in Baltimore, at the School of Medicine. The premedical curriculum constitutes the first two years' work, and the third year follows a general outline of prescribed and elective courses approved by the chairman of the premedical committee and the dean of the College of Arts and Sciences.

Upon the successful completion of the first year in the School of Medicine, and upon the recommendation of the dean, the degree of Bachelor of Science may be conferred by the College of Arts and Sciences at College Park.

Students are urged to consider carefully the advantages this combination course offers over the minimum requirements of the two years. By completing three years the training may be gradually broadened by a wider latitude in the election of courses in the arts subjects.

POST-GRADUATE STUDENTS

Graduates in medicine desiring to take the work of the senior year without being candidates for the degree, and, therefore, without examination, may receive a certificate of attendance on completing the full course satisfactorily.

The requirements for graduates in medicine admitted to the fourth-year class as candidates for the degree of Doctor of Medicine are the same as those enforced against undergraduates admitted to advanced standing.

Summer Post-Graduate Courses—In the April number of the Bulletin detailed announcement will be made of the Post-Graduate Summer Courses.

RULES

1. All students are required to take the spring examinations unless excused by the Dean. No student will be permitted to advance from a lower to a higher class with conditions.

2. Should a student be required to repeat any year in the course, he must pay regular fees.

3. A student failing in final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and to take examination in such other branches as may be required should he again be permitted to enter the school as a candidate for graduation.

4. The general fitness of a candidate for graduation will be taken into consideration by the Faculty as well as the results of his examination.

5. All students entering the School of Medicine of the University of Maryland are required to provide themselves with microscopes of a satisfactory type.

A standard microscope of either Bausch & Lomb, Leitz, Spencer Lens or Zeiss make, fitted with the following attachments, will fill the requirements:

Triple nose piece
Wide aperture stage
Quick Screw condenser (Abbe)
10 x and 5 x Oculars
16mm. and 4mm. Objectives
1.9mm. 1.25 N.A. Oil Immersion Lens

All the above rules, as well as the fees stated below, relate to the year ending June 8th, 1929, only. The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the Faculty deem it expedient.

FEES

Matriculation fee (paid once)	$10.00
Tuition fee (each year) for residents of Maryland	300.00
Tuition fee (each year) for non-residents	450.00
Laboratory fee (each year)	20.00
Special and re-examination fee	5.00
Graduation fee	15.00

No fees are returnable.

The above fees apply to all students who matriculate in this institution in any class for the session beginning October 1st, 1928.

All students, after proper certification, are required to register at the Registrar's Office. The last date of registration is October 8th, 1928.

Matriculation, laboratory and tuition fees for the first semester shall be paid at the time of registration, and for the second semester on or before February 2nd, 1929.

Failure to meet these conditions will automatically debar the student from attendance on classes and other privileges of the University.

Students who fail to pay the tuition and other fees on or before the last day of registration for each term or semester, as stated in the catalogue, will be required to pay as an addition to the fees required the sum of Five ($5.00) Dollars, and if the payment so required shall not be paid before twenty (20) days from the beginning of said term or semester, the student's name shall be stricken from the rolls.

Students who are minors are considered to be resident students, if at the time of their registration their parents or guardians have been residents of this state for at least one year.

Adult students are considered to be resident students, if at the time of their first registration they have been residents of this state for at least one year.

The status of the residence of a student is determined at the time of his first registration in the University, and may not thereafter be changed by him unless, in the case of a minor, his parents or guardians move to and become legal residents of this state.

PRIZES AND SCHOLARSHIPS

FACULTY PRIZE

To stimulate study among the candidates for graduation, the Faculty offers a Gold Medal to the candidate who secures the highest average during the four years of his course. Certificates of Honor are awarded to the five candidates standing next highest.

DR. JOSE L. HIRSH MEMORIAL PRIZE

A prize of $50.00 is given each year by Mrs. David Myers as a memorial to the late Dr. Jose L. Hirsh, formerly Professor of Pathology in this School, to the student in the third year who has done the most satisfactory work in Pathology during his second and third years.

SCHOLARSHIPS

The Dr. Samuel Leon Frank Scholarship

(Value, $125.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this University.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Medical Council "to a medical student of the University of Maryland, who in the judgment of said Faculty, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school, and no student may hold such scholarship for more than two years.

The Charles M. Hitchcock Scholarships

(Value, $125.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the University.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University upon nomination by the Medical

Council to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Faculty satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

The Randolph Winslow Scholarship

(Value, $125.00)

This scholarship was established by Prof. Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Medical Council, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Medical Council that he is worthy of and in need of assistance."

The Dr. Leo Karlinsky Scholarship

(Value, $200.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of this University.

The scholarship is awarded to a second-year student who at the end of the first year passes the best examination in Anatomy, Histology, Embryology and Bacteriology.

The University Scholarships

Two scholarships are awarded by the University. One to a student of the College of Arts and Sciences appointed by the President, to be held for only one year; the other, which entitles the holder to exemption from payment of the tuition fee of the year, is awarded annually by the Medical Council to a student of the Senior Class who presents to the Medical Council satisfactory evidence that he is of good moral character and is worthy of and in need of assistance to complete the course.

Frederica Gehrmann Scholarship

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and entitles the holder to exemption from payment of tuition fees. The scholarship is awarded to a third-year student who at the end of the second year passes the best practical examination in Anatomy, Physiology, Biological Chemistry, Pharmacology, Pathology, Immunology and Serology.

The Clarence and Genevra Warfield Scholarships

(Valuation, $300.00 each)

There are five scholarships established by the Regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships will be available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited or in a county selected by the Council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Council, the money advanced by the Regents shall be refunded.

Israel and Cecilia E. Cohen Scholarship

(Value, $250.00)

This scholarship was established by Miss Eleanor S. Cohen in memory of her parents, Israel and Cecilia E. Cohen. Terms and conditions:

This scholarship will be available to students of any one of the classes of the course in Medicine; preference is given to students of the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the Council.

ANNUAL HOSPITAL APPOINTMENTS

On February 1st of each session the following annual appointments are made from among the graduates of the school:

TO THE UNIVERSITY HOSPITAL

- Two Resident Surgeons
- Two Resident Physicians
- One Resident Gynecologist
- Two Resident Obstetricians
- Thirteen Junior Residents on a Rotating Service

A number of students are appointed each year, at the close of the session, as Clinical Assistants in the University Hospital for the summer months.

TO THE MERCY HOSPITAL

- Chief Resident Physician
- One Assistant Resident Physician
- Chief Resident Surgeon
- Five Assistant Resident Surgeons
- One Resident Gynecologist
- One Resident Obstetrician
- Eight Junior Residents on a Rotating Service

NOTICE TO STUDENTS

The personal expenses of the students are at least as low in Baltimore as in any large city in the United States. The following estimates of a student's personal expenses for the academic year of eight months have been prepared by students, and are based upon actual experience:

Items	*Low*	*Average*	*Liberal*
Books	$50	$75	$100
College Incidentals	20	20	20
Board, eight months	200	250	275
Room rent	64	80	100
Clothing and laundry	50	80	150
All other expenses	25	50	75
Total	$409	$556	$720

Students will save time and expense upon their arrival in the city by going direct to the School of Medicine on the University grounds, N. E. corner of Lombard and Greene Streets, where the Secretary of Student Y. M. C. A., who may be found at his office on the premises, will furnish them with a list of comfortable and convenient boarding-houses suitable to their means and wishes.

For further information, apply to

J. M. H. Rowland, M.D., *Dean,*
Lombard and Greene Streets.

MATRICULATES, UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS, 1927-1928

FOURTH YEAR CLASS

Baer, Adolph ....New York
Bailey, Hugh Alvin, A.B....South Carolina
Bedri, Marcel Rechtman..........Palestine
Berger, William Adolph, B.S...New Jersey
Blecher, Irving Ezra............New York
Bonelli, Nicholas William, A.B..New Jersey
Brager, Simon ....Maryland
Chor, Herman, A.B..............Maryland
Christian, William ....Pennsylvania
Clemson, Earle Princeton........Maryland
Duckwall, Frederick Mooman, West Virginia
Duncan, George Andrew, B.S., West Virginia
Friedman, Bernard ....New York
Garred, Herbert William D., B.S., West Virginia
Gilbert, Jacques Saul.........Rhode Island
George, Jessie Ethelwyn, B.S., West Virginia
Goldberg, Victor, Ph.G...........Maryland
Goodman, Jerome Edward, Ph.G.Maryland
Greer, Creed Collins, B.S....West Virginia
Grollman, Aaron Isaac, A.B......Maryland
Gülck, Georg Krohn, B.S.........Denmark
Gundry, Lewis Perkins, A.B......Maryland
Hankin, Samuel Jay.............Maryland
Hayes, Paul ....Maryland
Herold, Lewis Jacob, Ph.G......New York
Johnson, Walter Brenaman, A.B..Maryland
Jones, Henry Alvan, Ph.G.......Maryland
Kaufman, Israel, B.S............New York
Kaye, Philip Louis..............New York
Kohn, Theodore, B.S........South Carolina
Kotch, Nathan Hersh...........New York
Lampert, Hyman ....New York
Lamstein, Jacob Irwin, B.S.....New York
Laukaitis, Joseph George.........Maryland
Lerner, Morris ....New York
Levinsky, Maurice ....Connecticut
Levinson, Louis Jack...........New York
Limbach, Earl Frederick, A.B........Ohio
Litsinger, Edward Andrew, B.S., West Virginia
Little, Luther Emanuel, Ph.G....Maryland
Littman, Irving Isaac...........Maryland
Lyon, Isadore Bernard, A.B......Maryland
Mace, John, Jr., B.S.............Maryland
Maddi, Vincent Michael, A.B....New York
Maged, Alan John, A.B.........New York
McCeney, Robert Sadler, A.B.....Maryland
McDowell, Roy Hendrix, A.B., North Carolina
McFaul, William Neal, Jr., A.B..Maryland
McGee, William Buster, B.S., West Virginia
Mee, Robert Amos, A.B., B.S., New Hampshire
Meister, Aaron ....New York
Merksamer, David, A.B.........New York
Merlino, Frank Anthony.......New Jersey
Messina, Vincent Michael........Maryland
Mostwill, Ralph ....New Jersey
Piacentine, Pasquale Anthony...New York
Pileggi, Peter ....New Jersey
Rascoff, Henry Morris..........New York
Rich, Benjamin Sunderland, A.B.Maryland
Roetling, Carl Paul..............Maryland
Rosen, Marks Julius............New York
Rubinstein, Hyman Solomon, Ph.G., Maryland
Rutter, Joseph Howard...........Florida
Saffron, Morris Harold, A.B....New Jersey
Sardo, Samuel Robert, B.S....Pennsylvania
Shaw, Cecil Curry, A.B...........Alabama
Silver, Abraham Alfred........Connecticut
Singer, Jack Jerome.............Maryland
Smoot, Aubrey Cannon, A.B.....Maryland
Smoot, Merrill Clayvelle, B.S.....Maryland
Stacy, Theodore Edwin, Jr., Ph.G., Maryland
*Tannenbaum, Morris, B.S......New York
Taylor, Charles Vivian, A.B......Maryland
Temple, Levi Wade, Jr., B.S., South Carolina
Tenner, David, Ph.G.............Maryland
Varney, William Henry..........Maryland
Vernaglia, Anthony Paul........New York
Vogel, S. Zachary...............New York
Warner, Carroll Gardner, A.B....Maryland
Weintraub, Fred Siegfried, B.S., Pennsylvania
Weisenfeld, Nathan, B.S.......Connecticut
Weiss, Aaron ....New York
Wells, Samuel Robert, B.S..West Virginia
Wilkerson, Albert Russell, Ph.G...Maryland
Wolf, Frederick Samuel..........Maryland
Wurzel, Milton ....New Jersey
Yarbrough, Oscar DeMelle........Alabama
Zimmerman, Frederick Thomas, A.B., Pennsylvania

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*Did not complete the year.

THIRD YEAR CLASS

Abramowitz, Max, B.S..........New York
Ackerman, Jacob Harold, A.B...New York
Alessi, Silvio A., Ph.G...........Maryland
Amos, Hugh, B.S...................Ohio
Anderson, Walter Anders, Ph.G., D.D.S., Maryland
Bardfeld, Benjamin B.........New Jersey
Barland, Samuel, Jr., B.S.......New York
Birely, Morris Franklin, A.B.....Maryland
Bongiorno, Henry Domenic, Ph.G., New Jersey
Botsch, Bernard, B.S.................Ohio
Bowen, James Poore, B.S..South Carolina
Brauer, Selig Leo.............New Jersey
Calas, Andres Eladio.................Cuba
Chambers, Earl LeRoy...........Maryland
Chapman, William Hardee.......Maryland
Ciccone, Arnold William......Rhode Island
Clark, Francis Alden, B.S...West Virginia
Cohen, Herman ....New Jersey
Cohen, Paul Henry, A.B.........Maryland
Conn, Jacob Harry, A.B.........Maryland
Corsello, Joseph Nicholas, B.S...New York
Dailey, William Paul.........Pennsylvania
Daniels, Willard Floyd, B.S., West Virginia
DeBarbieri, Fred Louis, A.B..Pennsylvania
Draper, William Bateman........Maryland
Farbman, Meyer David, B.S.....New York
Fargo, William Russell, A.B......Maryland
Fattel, Henry Charles, B.S.....New Jersey
Feingold, Charles Rodin, B.S....New York
Feit, Emanuel, B.S..............New York
Fifer, Jesse Showalter, A.B......Delaware
Garber, Jacob S................New York
Givner, David, A.B..............Maryland
Gouldman, Edwin Foster, B.S.....Virginia
Guiglia, Sascha Facchetti........New York
Haney, John James...........New Jersey
Heck, Leroy Savin, B.S..........Maryland
Helms, Samuel Thomas, B.S......Virginia
Holroyd, Frank Jackson, A.B., B.S., West Virginia
Horowitz, Morris, A.B.......Massachusetts
Husted, Samuel Harley........New Jersey
Isern, Rafael Angel Vilar, B.S..Porto Rico
Jackson, Murray Elliot, B.S.....New York
Jacobs, Abraham, B.S...........New York
Kelly, Clyde Ernest, A.B.....Pennsylvania
Kendall, Benjamin Horton, A.B., North Carolina
Knight, Walter Phillips.......Pennsylvania
Levi, Ernest, Ph.G..............Maryland
Levy, Walter Howard...........New York
Lynn, Irving, B.S.............New Jersey
Lynn, John Galloway, 4th.......Maryland
Matsumura, Junichi ....Hawaii
McAndrew, Joseph Theodore.West Virginia
McGowan, Joseph Francis....Pennsylvania
Meranski, Israel Peter, B.S....Connecticut
Morgan, Isaac Joseph, B.S...Pennsylvania
Moser, Charles Yarnall, B.S.West Virginia
Murphy, John Edward........Pennsylvania
Neistadt, Isidore Irving, A.B.....Maryland
Neuman, Finley Frederick, A.B.......Ohio
Newman, Saul Charles, B.S....Connecticut
Nickman, Emanuel Harrison...New Jersey
O'Dea, John Francis, A.B.......New York
Overton, Lewis Marvin, A.B., North Carolina
Penchansky, Samuel Joseph, B.S., New Jersey
Porterfield, Maurice Coleman.....Maryland
Prager, Benjamin, B.S..........New York
Reeder, Paul Arlington, B.S.West Virginia
Reilly, John Vincent..........New Jersey
Roberts, Eldred, B.S.............Maryland
Safer, Jake Victor.................Florida
Safford, Henry Towne, Jr...........Texas
Schreiber, Morris Bernard......New York
Schwartzbach, Saul, A.B., District of Columbia
Seibel, Jack, B.S................New York
Sekerak, Raymond Andrew.....Connecticut
Serra, Lawrence Mario, Ph.G....Maryland
Sikorsky, Albert Edward, A.B....Maryland
Silver, Mabel Irene, B.S..........Maryland
Soifer, Albert Alexander, B.S....Maryland
Solomon, Milton, B.S...........New York
Speicher, Wilbur Glenn..........Maryland
Spencer, Ernest ....Maryland
Spurrier, Oliver Walter, A.B.....Maryland
Staton, Leon Raphael, A.B.North Carolina
Stevenson, Charles Calvert...........Utah
Sullivan, William Joseph.....Rhode Island
Ullrich, Henry Franz............Maryland
Vann, Homer King................Florida
Vestal, Tom Fletcher......North Carolina
Volenick, Lee Joseph...........New York
Wallack, Charles Albert, B.S...New Jersey
Ward, Hugh Walter, A.B........Maryland
Waters, Zack James, B.S...North Carolina
Yeager, George Herschel, B.S....Maryland
Yudkoff, William, B.S.........New Jersey

SECOND YEAR CLASS

Aronofsky, Milton Robert, Ph.B., Connecticut
Ashman, Harry, B.S.............Maryland
Baumgardner, George M., A.B...Maryland
Baylus, Meyer Milby, Ph.G.......Maryland
Belinkin, William, B.S..........New York
Benfer, Kenneth Louis, A.B......Maryland
Benson, Alvan Homer............Maryland
Berkowitz, Rudolph, A.B........New York
Blum, Joseph Sydney, Ph.G......Maryland
Borow, Henry ....North Dakota
Burns, John Howard, A.B........Maryland
*Cannon, David Clayton, Jr., B.S., Pennsylvania
Chenitz, William, B.S..........New Jersey
Cohen, Archie Robert, Ph.G......Maryland
Cohen, Irvin Joseph, Ph.G.......Maryland
Cohen, Max Hurston, Ph.G......Maryland
Coppola, Matthew Joseph, B.S...New York
Durrett, Clay Earle, B.S.........Maryland
Dyar, Edna Gerrish, Ph.D., District of Columbia
Edmonds, Henry Jeter............Virginia
Farinacci, Charles Joseph, A.B.......Ohio
Faw, Wylie Melvin, Jr...........Maryland
Feman, Jacob George, A.B......New York
Fiocco, Vincent James, B.S.....New York
Fisher, Samuel ....New Jersey
Flescher, Julius, Ph.G...........Maryland
Garey, James Lyman, B.S., Pennsylvania
Garfinkel, Abraham, B.S........New York
Gerner, Harry Ezekiel, B.S....New Jersey
Gersten, Paul Francis...........New York
Ginsberg, Leon, Ph.D...........New York
Goldman, Lester Milton, B.S...New Jersey
Goldstein, Jacob Everett, B.S....New York
Goodman, Julius Henry, Ph.G....Maryland
Hildenbrand, Emil John C., B. S.Maryland
Hornbaker, John Harlan, A.B....Maryland
Hudson, Rollin Carl, A.B........Maryland
Johnson, Marius Pitkin, A.B...Connecticut
Kilgus, John Frank, Jr......Pennsylvania
Kirschner, Abe Edward, A.B....New York
Kleinman, Abraham Morris, B.S.New York
Kovarsky, Albert Elias, A.B...New Jersey
Kraemer, Samuel Harry, B.S..New Jersey
Kremen, Abraham, A.B..........Maryland
Kuhn, Esther Frances, A.B......Maryland
Levin, Morton Loeb, Ph.G........Maryland
Levy, Solomon, A.B..............Palestine
Lewandoski, Henry Charles......Maryland
Lewis, Frank Russell............Maryland
Magovern, Thomas F..........New Jersey
Mansdorfer, George Bowers, B.S..Maryland
Miller, Benjamin Herman, A.B...Maryland
Miller, Isaac ....New Jersey
Miller, James Alton, A.B........Maryland
Montilla, Victor Jose...........Porto Rico
Mortimer, Egbert Laird, Jr., A.B.Maryland
Needle, Nathan E...............Maryland
Oppenheim, Joseph Harry.......New York
Perlman, Robert, B.S...........New York
*Post, Charles Gordon, Jr., A.B.New York
Powell, Joseph Lawrence.....Pennsylvania
Reid, Francis Fielding, A.B......Maryland
Rineberg, Irving Edward, B.S.New Jersey
Romano, Nicholas Michael....Pennsylvania
Rosenthal, Abner Herman, B.S..New York
Rozum, John Charles...........New York
Shill, Benjamin, A.B..........New Jersey
Shulman, Louis Robert...........Maryland
Smith, Joseph Jacob, A.B.....Connecticut
Snoops, George John, Jr., A.B...Maryland
Snyder, Nathan, Ph.G...........Maryland
Soltroff, Jack Gerson, B.S....Pennsylvania
Sperling, Nathaniel Mortimer, B.S., New York
Straka, Robert Paul, M.S........Maryland
Weinstein, Jack, B.S............New York
Werner, Aaron Seth............New York
Woolley, Alice Stone, B.S.......New York
Young, Ralph Funk.............Maryland
Zeiger, Samuel, B.S.............New York

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*Did not complete the year.

FIRST YEAR CLASS

Adalman, Philip, Ph.G..........Maryland
Adams, Pius Edward............Maryland
Allen, Howard Stanley.......Pennsylvania
Andrew, David Holmes, A.B.....Maryland
Baldwin, Kenneth Malison.......Maryland
Bamberger, Beatrice, A.B........Maryland
Barr, William Carlisle, Jr., District of Columbia
Baumgartner, Eugene Irving.....Maryland
Berman, Henry Irving...........Maryland
Bernstein, Joseph, Ph.G.........Maryland
*Bradley, John Edmund..........Maryland
Brayshaw, Thomas H............Maryland
Brice, Arthur Talbott............Maryland
Brill, Bernard ....New York
Brill, John Leonard, A.B.....Pennsylvania
Clouse, Paul Ronald..........Pennsylvania
Contract, Eli, A.B...............Maryland
Cudlipp, Irene Mills, B.S.........Maryland
Davis, Melvin Booth.............Maryland
Dawson, William Maddren, B.S..New York
Donohue, Bernard Walker, A.B...Maryland
Drenga, Joseph Francis, A.B.....Maryland
Eckstein, Harry, B.S............New York
Edel, John Wesley, B.S..........Maryland
*Edgerton, Glenn S........North Carolina
Empie, John Carl, B.S...........Maryland
Ernest, Roy Cooper, A.B.............Ohio
Fahey, Edward Vincent, A.B..Pennsylvania
Feldman, Samuel, A.M...........Maryland
Feuer, Arthur, B.S..............New York
Fitch, Wilmer Price.............New York
Foster, Ruth ....Maryland
Fox, George DeGruchy, A.B......Maryland
Friedman, Joseph, B.S..........New York
*Fuhrman, William Nelson.......Maryland
*Funk, Zanerian Evangeline, B. S.Maryland
Ginewsky, Solomon Irving, A.B., Connecticut
Glantz, Albert LeRoy, A.B.......Maryland
Grossman, Isadore, A.B..........Maryland
Grove, Donald Birtner...........Maryland
Gundry, Rachel Krebs, A.B.......Maryland
Halper, Arthur Matthews, B.S..New York
Haskell, Marian Louise, Ph.G....Maryland
Headley, Albert Emerson, A.B........Ohio
Helfrich, Raymond Frederick, A.B.Maryland
Hoffman, Reuben, A.B...........Maryland
Hollander, Mark Buckner, A.B...Maryland
Hornbrook, Kent Maidlow...West Virginia
Jacobs, Herman................New York
Jacobson, Samuel Maurice, Ph.G..Maryland
Jaklitsch, Frank Henry, B.S....New York
Jensen, Carl Dana F..........Washington
*Jeppi, Joseph Vincent, A.B.....Maryland
Jett, Page C., A.B...............Maryland
Jones, Arthur Ford..............Maryland
Justice, James Thomas, Jr., A.B., North Carolina
Kahn, Herbert Adrian...........Maryland
Karger, Abraham, B.S..........New York
Kaufman, Max, Ph.G...........New York
Keefe, Walter Joseph, A.B.....Connecticut
Kermisch, Albert, Ph.G..........Maryland
Klimes, Louis Frank.............Maryland
Kohn, Walter ....Maryland
Krieger, Jerome Leon, A.B......Maryland
*Kulacki, Leo Lucas, A.B........Maryland
Lachman, Harry, B.S............Maryland
Lang, Abraham, B.S............New York
Langeluttig, Harry Vernon, A.B..Maryland
Lerner, Philip Frank, A.B.......Maryland
Leshine, Sidney Starr, B.S.....Connecticut
Levine, David Robert, B.S.......New York
Lieberman, Samuel, M.S........New York
Lubin, Paul ....Maryland
Mankovich, Desiderius George.Pennsylvania
Martin, Thomas Adrian, Ph.G....Maryland
Marx, Ernest Burleigh...........Maryland
Masterson, John Francis.......New Jersey
*Mayolo, Larry Pete..... ..West Virginia
McAllister, Benjamin, Jr., Ph.G..Maryland
*McGlynn, Patrick John......Pennsylvania
McHale, George Francis, A.B.Pennsylvania
Meyer, Leo Martin, A.M.........New York
*Miller, Henry Frank............Maryland
Moore, William Patterson, B.S........Ohio
Moyers, Waldo Briggs, A.B..West Virginia
Murphy, Richard Lawrence, A.B., New Hampshire
Myers, George Thomas, A.B......Maryland
Newnam, Alpheus Carlton, Jr....Maryland
Nocera, Francisco Pablo........Porto Rico
Palitz, Leo Solomon, A.M.......New York
*Perdew, Paul Raymond, B.S....Maryland
*Peters, William Howard, A.M.Pennsylvania
Pfaff, Joseph John..............Maryland
Purinton, William Andrew...........Maine
Rehmeyer, Walter Owen, B.S.Pennsylvania
Rodriguez, Manuel..............Porto Rico
Rohm, Jack Zeth............Pennsylvania
Rohm, Robert Franklin......Pennsylvania
Rosenberg, Benjamin, B.S.......New York
*Ryan, John Paul, A.B...........Maryland
Seabold, William Mervin.........Maryland
Schimunek, Emmanuel Aloysius, A.B., Maryland
*Sechrist, Gurrien Preston....Pennsylvania
Seidman, Herman Harold, B.S...New York
Shanahan, Daniel Stephen, A.B..Maryland
Shelley, Harry Sandberg, B.S.....Maryland
*Shenberger, Donald Clair....Pennsylvania
Shochat, Albert Joshua, B.S.....New York
Siwinski, Arthur George, A.B....Maryland

FIRST YEAR CLASS—Continued

Sklar, Isidore Allen, Ph.G.	Maryland
Slate, Marvin Longworth, A.B.,	North Carolina
Smith, Solomon, A.B.	Maryland
Sowers, Lowell Martin, B.S.	Maryland
Spence, Thomas Turnbull, Jr., B.S.,	Pennsylvania
Sprecher, Milford Harsh, B.S.	Maryland
Stephens, Herbert Roosevelt, A.B.	Maryland
Sterling, Susanne	Maryland
Stevens, Russell Alvin, A.B.	Pennsylvania
*Svitak, Adolph James, A.B.	Maryland
Taylor, Robert B.	Pennsylvania
*Todd, Howard Davis, A.B.	Maryland
Van Ormer, William Alfred	Pennsylvania
Warren, Edward William	New York
Wigderson, Henry, B.S.	New York
Wirts, Carl Alexander	Pennsylvania
Wojcik, William Joseph, A.B.	Maryland
Woodward, Lewis K., Jr., A.B.	Maryland
Zupnik, Howard Lester	Pennsylvania

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*Did not complete the year.

GENERAL SUMMARY OF STUDENTS ATTENDING THE UNIVERSITY OF MARYLAND

SESSION OF 1927-1928

College of Agriculture		124
College of Arts and Sciences		558
Regular	549	
Extension	9	
School of Dentistry		369
College of Education		322
Regular	139	
Extension	183	
College of Engineering		409
Regular	233	
Extension	176	
Graduate School		96
College of Home Economics		53
School of Law		296
School of Medicine		391
School of Nursing		113
School of Pharmacy		358
Summer School, 1927, College Park		572
Total		3,661
Duplications		76
Net Total		3,585

GRADUATES OF UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS, JUNE 2, 1928

Baer, Adolph..................New York
Bailey, Hugh Alvin, A.B....South Carolina
Bedri, Marcel Rechtman..........Palestine
Berger, William Adolph, B.S...New Jersey
Blecher, Irving Ezra............New York
Bonelli, Nicholas William, A.B.New Jersey
Brager, Simon ....Maryland
Chor, Herman, A.B..............Maryland
Clemson, Earle Princeton........Maryland
Duckwall, Frederick Mooman.West Virginia
Duncan, George Andrew, B.S.West Virginia
Friedman, Bernard..............New York
Garred, Herbert William D., B.S., West Virginia
Gilbert, Jacques Saul.........Rhode Island
George, Jessie Ethelwyn, B.S., West Virginia
Goldberg, Victor, Ph.G..........Maryland
Goodman, Jerome Edward, Ph. G.Maryland
Greer, Creed Collins, B.S....West Virginia
Grollman, Aaron Isaac, A.B......Maryland
Gülck, Georg Krohn, B.S.........Denmark
Gundry, Lewis Perkins, A.B.....Maryland
Hankin, Samuel Jay............Maryland
Hayes, Paul ....Maryland
Herold, Lewis Jacob, Ph.G......New York
Johnson, Walter Brenaman, A.B..Maryland
Jones, Henry Alvan, Ph.G.......Maryland
Kaye, Philip Louis..............New York
Kohn, Theodore, B.S........South Carolina
Kotch, Nathan Hersh...........New York
Lampert, Hyman ....New York
Lamstein, Jacob Irwin, B.S.....New York
Laukaitis, Joseph George........Maryland
Lerner, Morris..................New York
Levinsky, Maurice ....Connecticut
Levinson, Louis Jack............New York
Limbach, Earl Frederick, A.B........Ohio
Litsinger, Edward Andrew, B.S., West Virginia
Little, Luther Emanuel, Ph.G....Maryland
Littman, Irving Isaac............Maryland
Lyon, Isadore Bernard, A.B......Maryland
Mace, John, Jr., B.S............Maryland
Maddi, Vincent Michael, A.B....New York
Maged, Alan John, A.B.........New York
McCeney, Robert Sadler, A.B.....Maryland
McFaul, William Neal, Jr., A.B..Maryland
McGee, William Buster, B.S..West Virginia
Mee, Robert Amos, A.B., B.S., New Hampshire
Meister, Aaron..................New York
Merksamer, David, A.B.........New York
Merlino, Frank Anthony.......New Jersey
Messina, Vincent Michael........Maryland
Mostwill, Ralph................New Jersey
Piacentine, Pasquale Anthony...New York
Pileggi, Peter.................New Jersey
Rascoff, Henry Morris..........New York
Rich, Benjamin Sunderland, A.B.Maryland
Roetling, Carl Paul..............Maryland
Rosen, Marks Julius............New York
Rubinstein, Hyman Solomon, Ph.G.Maryland
Rutter, Joseph Howard............Florida
Saffron, Morris Harold, A.B...New Jersey
Sardo, Samuel Robert, B.S....Pennsylvania
Shaw, Cecil Curry, A.B..........Alabama
Silver, Abraham Alfred........Connecticut
Singer, Jack Jerome.............Maryland
Smoot, Aubrey Cannon, A.B......Maryland
Smoot, Merrill Clayvelle, B.S.....Maryland
Stacy, Theodore Edwin, Jr., Ph.G.Maryland
Temple, Levi Wade, Jr., B.S., South Carolina
Tenner, David, Ph.G.............Maryland
Varney, William Henry..........Maryland
Vernaglia, Anthony Paul.......New York
Warner, Carroll Gardner, A.B....Maryland
Weintraub, Fred Siegfried, B.S., Pennsylvania
Weisenfeld, Nathan, B.S.......Connecticut
Wells, Samuel Robert, B.S...West Virginia
Wolf, Frederick Samuel..........Maryland
Wurzel, Milton................New Jersey
Yarbrough, Oscar DeMelle........Alabama
Zimmerman, Frederick Thomas, A.B., Pennsylvania

Honors

University Prize—Gold Medal—David Tenner

Certificates of Honor

Adolph Baer
Jacob Irving Lamstein
Ralph Mostwill
Aaron Isaac Grollman
Bernard Friedman

The Dr. Jose L. Hirsch Memorial Prize of $50.00 for the best work in Pathology during the second and third years was awarded to David Tenner.

The Dr. Leo Karlinsky Memorial Scholarship for the highest standing in the Freshman Class was awarded to Samuel Feldman.

ALUMNI ASSOCIATION SCHOOL OF MEDICINE

President

Dr. C. Reid Edwards, Medical Arts Building, Baltimore, U. of M. 1913

Vice-Presidents

Dr. C. Emil Brack, 500 E. 20th Street, Baltimore, P. & S. 1895.
Dr. J. C. Lumpkin, 818 Park Avenue, Baltimore, B. M. C. 1898.
Dr. Fred W. Schlutz, 121 Millard Hall, University of Minnesota Medical School, Minneapolis, Minn., U. of M. 1902.

Secretary

Dr. Howard M. Bubert, Tudor Hall Apartments, Baltimore, U. of M. 1920.

Assistant Secretary

Dr. Nathan Winslow, 1900 Mt. Royal Terrace, Baltimore, U. of M. 1901.

Executive Committee

Dr. Frank W. Keating, Chairman, Owings Mills, Maryland, U. of M. 1896.
Dr. E. P. Smith, 920 St. Paul Street, Baltimore, P. & S. 1912.
Dr. J. W. Holland, University Hospital, Baltimore, U. of M. 1896.
Dr. Austin Wood, 817 Park Avenue, Baltimore, U. of M. 1914.
Dr. I. S. Zinberg, 2302 Eutaw Place, Baltimore, U. of M. 1920.

Advisory Committee

Dr. C. C. Habliston, Chairman, Latrobe Apartments, Baltimore, U. of M. 1914.
Dr. Frank W. Kirby, 110 E. North Avenue, Baltimore, U. of M. 1892.
Dr. W. H. Triplett, 1324 W. Lombard Street, Baltimore, B. M. C. 1911.
Dr. A. F. Ries, 24 S. Broadway, Baltimore, P. & S. 1903.
Dr. John Evans, Medical Arts Building, Baltimore, B. M. C. 1903.

Hospital Council

Dr. G. M. Linthicum, 817 Park Avenue, Baltimore, P. & S. 1893.
Dr. Charles W. Maxson, 827 N. Charles Street, Baltimore, P. & S. 1910.

Alumni Council

Dr. Charles Bagley, Latrobe Apartments, Baltimore, U. of M. 1904.

Necrologist

Dr. William S. Love, 836 W. North Avenue, Baltimore, U. of M. 1890.

Editors

Dr. Bubert, University of Maryland.
Dr. Emil Novak, 26 E. Preston Street, Baltimore, B. M. C. 1904.

Treasurer

M. LeRoy Lumpkin, 914 N. Charles Street, Baltimore, U. of M. 1919.

ENDOWMENT FUND

The following constitute the Board of Trustees of this Fund:

HARRY ADLER, M.D.
J. M. H. ROWLAND, M.D.
RANDOLPH WINSLOW, A.M., M.D., LL.D.
STUART JANNEY
JOHN B. THOMAS, Ph.G.
DANIEL BAKER, JR.
HORACE M. DAVIS, D.C.D.
ROBERTSON GRISWOLD
ARTHUR M. SHIPLEY, Sc.D., M.D.

This Board is incorporated by act of the Legislature of the State, its legal title being "The Trustees of the Endowment Fund of the University of Maryland," and is independent and self-perpetuating. Its powers are limited *to the expenditure of the interest derived from the fund,* which is to be applied in the discretion of the Board for the benefit of the University. Contributions, donations and bequests are solicited from Alumni and friends. They may be made to the general or University Fund, to the Medical Fund or to any other department of the University. If intended for the School of Medicine, they may be given to the general medical fund or to some special object, as building, research, library, pathology, hospital, publication, laboratories, gymnasium, scholarship, medal, prize, etc., in which case the wishes of the donor will be strictly regarded. Attention is invited to the "Charles Frick Research Fund," already established in memory of that distinguished investigator. Checks should be made payable to J. M. H. Rowland, Treasurer, Lombard and Greene Streets, Baltimore, Md.

FORMS OF DEVISE OR BEQUEST

To School of Medicine

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic..................................

(Here state amount or describe property)

To Endowment Fund

I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic..............

(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

FACULTY AND INSTRUCTORS

Superintendent of Nurses and Director of School of Nursing
ANNIE CRIGHTON, R.N.

Assistant Superintendent of Nurses
FRANCES M. BRANLEY, R.N.

Instructor in Nursing
ISABEL ZIMMERMAN, R.N.

Instructor in Nursing and Supervisor of Wards
HELEN WRIGHT, R.N.

Instructor in Surgical Technique for Nurses and Supervisor of Operating Pavilion
ELIZABETH AITKENHEAD, R.N.

Instructor in Dietetics
MIRIAM CONNELLY

Instructor in Massage
EDITH WALTON

Instructor in Social Service
GRACE PEARSON, R.N.

Assistant Instructor in Nursing and Supervisor of Wards
BERTHA HOFFMAN, R.N.

ALICE BENNETT, R.N.	Night Supervisor
JANE MOFFATT, R.N.	Supervisor—Dispensary
REBA DAVIS, R.N.	Head Nurse—Obstetrical Ward
ESTELLA BALDWIN, R.N.	Head Nurse—Children's Ward
HELEN J. MORGART, R.N.	Head Nurse—Men's Medical Ward
ELIZABETH CANNON, R.N.	Head Nurse—Men's Surgical Ward
REBECCA HALL, R.N.	Head Nurse—Men's Surgical Ward
RHAE GERBER, R.N.	Head Nurse—Women's Medical, Surgical and Gynecological Ward
LUCY BRUDE, R.N.	Head Nurse—Private Hall
FANNIE MAE MUNDY, R.N.	Head Nurse—Private Hall
FRANKIE MULLIGAN, R.N.	Assistant Head Nurse—Operating Room
CORA MASON WILSON, R.N.	Head Nurse—Surgical Supply Room
FRANCES LEISHEAR, R.N.	Head Nurse—Accident Room

LECTURERS FROM THE SCHOOL OF MEDICINE

Anatomy
C. L. Davis, M.D.

Physiology
F. A. Ries, M.D.

Bacteriology
F. W. Hachtel, M.D.

Chemistry
Ruth F. Carr, B.S.

Materia Medica
W. H. Schultz, Ph.B., Ph.D.

Medicine
Maurice C. Pincoffs, M.D.
L. A. M. Krause, M.D.
J. S. Hogan, M.D.
V. L. Ellicott, M.D.
C. Hampson Jones, M.D.

Pediatrics
Charles L. Summers, M.D.

Psychiatry
R. McClury Chapman, M.D.

Skin and Venereal Diseases
Harry M. Robinson, M.D.

Ophthalmology
Harry Friedenwald, M.D.

Otology
J. W. Downey, M.D.

Surgery
Joseph W. Holland, M.D.

Laryngology and Rhinology
E. A. Looper, M.D.

Gynecology
Hugh Brent, M.D.

Orthopaedic Surgery
R. Tunstall Taylor, M.D.

Obstetrics
L. H. Douglass, M.D.

Social Service
Special Lecturers

STUDENTS ENROLLED, 1927-1928.

Post-graduates	1
Affiliates	7
Seniors	22
Intermediates	39
Juniors and Preparatory	32
Total	101

GENERAL STATEMENT

The University of Maryland School for Nurses was established in the year 1889.

Since that time it has been an integral part of the University Hospital, coming under the same government.

The school is non-sectarian, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 250 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing, including experience in the operating room.

The school offers the student nurse unusual advantages in its opportunity for varied experience and in its thorough curriculum taught by best qualified instructors and members of the Medical Staff of the University.

Admission—Requirements: In order to become a candidate for admission to the Training School, application must be made in person or by letter, to the Superintendent of Nurses. An application by letter should be accompanied by a statement from a clergyman testifying to good moral character and from a physician certifying to sound health and unimpaired faculties. No person will be considered who is not in a good physical condition between the ages of 18 and 35. She must also show that she has a High School education or its equivalent. This is the minimum requirement, as women of superior education and culture are given preference provided they meet the requirements in other particulars.

The fitness of the applicant for the work and the propriety of dismissing or retaining her at the end of her term of probation, is left to the decision of the Superintendent of Nurses. Misconduct, disobedience, insubordination, inefficiency, or neglect of duty are causes for dismissal at any time by the Superintendent of Nurses, with the approval of the President of the University.

Time: Students are admitted in February and September.

Hours on Duty: During the probation term the students are on duty not more than six hours daily. During the Junior, Intermediate and Senior years the students are on eight-hour day duty, with six hours on Sunday and Holidays, and ten-hour night duty. The night duty periods are approximately five or six months during the three years.

Sickness: A physician is in attendance each day, and when ill, all students are cared for gratuitously. The time lost through illness in excess of two weeks during the three years must be made up. Should the authorities of the school decide that through the time lost the theoretical work has not been sufficiently covered to permit the student to continue in that year, it will be necessary for her to continue her work with the next class.

Vacations: Vacations are given between June and September. A period of three weeks is allowed the student at the completion of the first year and four weeks at the completion of the second year.

Expense: A student receives her board, lodging, and a reasonable amount of laundry from the date of entrance. During her period of probation she provides her own uniforms made in accordance with the hospital regulations. After being accepted as a student nurse, she wears the uniform furnished by the hospital. The student is also provided with textbooks, and in addition to this is paid five dollars ($5.00) a month. Her personal expenses during the course of instruction and training will depend entirely upon her individual habits and tastes.

GENERAL PLAN OF INSTRUCTION

The course of instruction covers a period of three years.

JUNIOR YEAR

First Term

The Junior Year is divided into two periods. The first term is the preparatory period (4 months) and the second the junior term.

In the preparatory term the student is given practical instruction in:

I. The making of hospital and surgical supplies. The cost of hospital materials, apparatus and surgical instruments.
II. Household economics and the preparation of foods.
III. The hospital out-patients' department and dispensary.

During this term the practical work is done under constant supervision, and teaching is given correlatively.

Excursions are made to markets, hygienic dairies, linen-rooms, laundry and store-room.

The maximum number of hours per week in formal instruction divided into laboratory and lecture periods is thirty hours and includes courses in Anatomy and Physiology, Dietetics, Materia Medica, Personal Hygiene, Drugs and Solutions, Household Economics, Short Course in Ethics and History of Nursing.

At the close of the first term of the Junior Year the students are required to pass satisfactorily both the written and oral tests, and failure to do so will be sufficient reason to terminate the course at this point.

SUBSEQUENT COURSE

The course of instruction, in addition to the probationary period, occupies two and three-fourths years, and students are not accepted for a shorter period.

After entering the wards, the students are constantly engaged in practical work under the immediate supervision and direction of the head nurses and instructors.

JUNIOR YEAR

Second Term

During this period the students receive theoretical instruction in Massage, Bacteriology, General Surgery and Introductory Medicine.

Practical instruction is received in the male and female, medical, surgical, and children's wards.

INTERMEDIATE YEAR

During this period the theoretical instruction includes Pediatrics, General Medicine, Infectious Diseases, Obstetrics, Gynecology and Orthopaedics. The practical work provides experience in the nursing of obstetrical and gynecological patients, in the operating-rooms and the out-patient department.

SENIOR YEAR

During this period the student receives short courses of lectures on subjects of special interest. This includes a consideration of the work of institutions of public and private charities, of settlements, and various branches of professional work in nursing.

Experience is given in executive and administrative work to those showing exceptional ability in the Senior Year. With these students conferences are held on administration and teaching problems.

Examinations—which are both written and oral—include practical tests, and the standing of the student is based upon the general character of work throughout the years, as well as the results of the examinations. Students must pass all subjects before entering upon the work of the following year.

Graduation: The diploma of the School will be awarded to those who have completed satisfactorily the full term of three years and have passed successfully the final examinations.

Scholarships: One scholarship has been established by the Alumnae of the Training School. It entitles a nurse to a six weeks' course at Teachers' College, New York. This scholarship is awarded at the close of the third year to the student whose work has been of the highest excellence, and who desires to pursue post-graduate study and special work. There is a second prize of fifty dollars, known as the Elizabeth Collins Lee prize, which is awarded at the close of the third year to the student whose work has been of the second highest excellence.

An Alumnae Pin is presented by the Women's Auxiliary Board to the student who at the completion of three years shows exceptional executive ability.

A prize of fifty dollars, known as the "Edwin and Leander M. Zimmerman Prize," is given in the senior class to the student whose practical nursing is of the highest excellency and whose interest and sympathy in the patients is greatest.

GRADUATES, 1928

MARGARET E. CURRENS
HILDA LOUISE DUGGER
EDITH ELIZABETH HALL
MARTHA ALICE HASTINGS
ANNE HOFFMAN
GOLDIE IWILLA HOUGH
IRENE ELIZABETH HAMRICK
THELMA LEE HUDDLESTON
MARY LYNDALE KELLY
FRANCES MILDRED LEISHEAR
MARTHA AGNES MAGRUDER
MILDRED MAY MARCUS
MARIE CLARKSON PEARCE
ELIZABETH S. PENNEWELL
ELIZABETH AUGUSTA PRIESTER
MARGARET MARY RIFFLE
KATHERINE LANDWEHR ROTH
VADA BRUNETTA SMITH
EMILY ROSE SLACUM
GRACE BELL WAGNER
EMMA ARLINE WINSHIP
ELIZABETH WORK

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established in 1899 and incorporated in 1901. It has developed the art of the profession according to the high standard requisite to qualify for Registered Nurse.

The Mercy Hospital School of Nursing was organized and incorporated under the laws of the State of Maryland in 1899, and has operated successfully for a quarter of a century.

Requirements for Admission.

A candidate desiring to enter the School of Nursing should apply to the Superintendent of Nurses by letter or in person at least six weeks before the entrance date. It is preferred that she apply in person, accompanied by her mother or guardian. If a personal interview is not possible, a written application may be submitted.

Age.

Candidates should preferably be between the ages of eighteen and thirty-five years. Exceptions to this rule are sometimes made at the discretion of the Superintendent of Nurses.

Physique.

Applicants should be of average height and good physique. Teeth and eyes should be attended to before entering the School, and tonsils removed if not in good condition. Every applicant is required to send in a certificate of a physical examination by her family physician. A physical examination is also made by the school physician during the preliminary period.

Education.

Applicants for admission should present at least high school certificate of graduation or its equivalent in educational values. The credits of preliminary education are fully accounted and the nurse who is the better qualified finds such a foundation more to her advantage as she progresses through the years of study.

Calendar.

Students are admitted September 1st and January 15th.

Length of Course.

The course of instruction covers three years. It is divided into a preliminary term of four months, a freshman term of eight months, a junior term of one year, and a senior term of one year.

Conditions of Acceptance.

The Superintendent of Nurses decides as to the fitness for the work and the propriety of retaining or dismissing a student at the end of the term of probation or during its course. She may also, with the approval of the faculty, terminate the connection of a student with the School in any justifiable instance. At the end of the preliminary period, if the student's health, general education, and natural aptitude prove satisfactory to the Director of the School and the Sister Superior, she shall be appointed for enrollment as a student nurse.

Expenses.

An admission fee of fifty dollars is required from all students. This covers the cost of uniforms and books required during the preliminary course.

Should the student for any reason leave the school before completing the course, this fee will not be returned, nor may she take with her any part of the equipment.

After four months' probation, candidates, if they possess the necessary qualifications, are admitted to the School of Nursing proper. They receive ten dollars per month to help defray incidental expenses. No compensation is given, the education received being considered sufficient return for service rendered. Board, laundry, etc., are furnished by the institution.

Four weeks before admission candidates should forward the fifty-dollar entrance fee, and measurements for uniforms and aprons, which will be in readiness upon their arrival. No orders will be considered until this fee is received.

Uniform Equipment.

After acceptance students are required to wear the uniform of the School. They are not permitted to appear on the street away from the hospital in uniform at any time.

A list of the necessary articles of clothing and other equipment will be sent to each accepted candidate for admission.

Hours of Duty.

During the preparatory period of four months, the students are on duty in the Wards not more than four hours daily.

During the freshman, junior, and senior years, the number of hours of duty does not exceed eight hours during the day and ten hours during the night. One-half day off duty is given each week. Students on night duty are given one night off each week and two days at the end of each night duty period.

Vacations.

Vacations are given between May 15th and October 1st, and at no other time. Students are granted four weeks' vacation at the end of the first and second years. Absence other than this, is not allowed, except in extreme cases. Students are not allowed during their course of instruction to return to their homes to care for sick relatives or friends, or absent themselves for other personal reasons.

Illness.

Students who are ill are cared for at the expense of the Hospital for a reasonable length of time. Members of the Medical Staff of the Hospital give professional service gratuitously to students of the School of Nursing. Time lost from illness or for other reasons must be made up. Absences are allowed for emergencies only. If absence is prolonged, students may lose their class position.

Examinations.

Examinations, both written and oral, are held at the end of the course of instruction in each subject. These examinations include practical tests. The standing of the pupil is based upon the general character of her work throughout the year, as well as upon the results of her examinations. Pupils are required to pass in all subjects of a given year before entering upon the work of the following year. Careful and complete records of class work, of examinations, and of the general deportment of all pupils are kept on file in the School office.

Graduation.

The diploma of the School will be awarded to those who have completed satisfactorily the full term of three years and have passed successfully the final examinations.

THE FIVE YEAR COURSE

Leading to B.S. Degree and Diploma of Graduate Nurse

The University of Maryland, in affiliation with the Mercy Hospital School of Nursing, offers a combined Academic and Nursing program.

The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland, and to the diploma of the Mercy Hospital School of Nursing.

Graduate nurses who hold college degrees are greatly in demand, especially for positions in administration and teaching. This program consequently offers a distinct advantage.

Outline of Course.

Two years of this course (pre-nursing or post-nursing period) consisting of 70 semester hours are spent in the College of Arts and Sciences of the University, with the usual College vacations. At least the latter of these two years must be spent in residence at College Park in order that the student may have her share in the social and cultural activities of College life.

Requirements for Admission.

Students electing such a course must before entering the School of Nursing, satisfy the entrance requirements of the University of Maryland. Applicants must be personally adapted to professional nursing.

Fees and Other Expenses.

During the two years which the students spend at College Park they maintain themselves, and pay their own College fees. (See University of Maryland bulletin.)

Throughout the Nursing School Course the hospital provides without expense to the student maintenance and care during temporary illness.

GRADUATES, 1923

Albaugh, Susan Elizabeth	Maryland
Billingslea, Agnes L.	Maryland
Billmeyer, Julia Ithiel	Maryland
Carey, Mary Evelyn	West Virginia
Carmody, Eileen Grace	Maryland
Coolahan, Mary Loretta	Maryland
Edelen, Frances Forbes	Maryland
Guy, Thyra Catherine	Maryland
Hampson, Marjorie Lillian	Maryland
Humelsine, Mary T.	Maryland
Hunt, Mary Maude	Maryland
Judge, Genevieve Teresa	Maryland
Kane, Ethel Margaret	Maryland
Louderman, Carmelita Estelle	New Jersey
Matthews, Catherine Eugenia	Maryland
McWilliams, Ruth Corinne	Maryland
Quill, Grace V.	Maryland
Rose, Elizabeth	Virginia
Seigman, Anna Virginia	Pennsylvania
Sheetz, Anna Geraldine	Pennsylvania
Shetla, Mary Dorothy	Maryland
Shipley, Mary Marcella	Maryland
Hitchcock, Sister Mary Euphrasia	Maryland
Daily, Sister Mary Veronica	Maryland
Smith, Cosma Valeria	Pennsylvania
Sullivan, Ida Lavinia	Georgia
Sullivan, Rita Mary	Glengarriff, Ireland
Toston, Elaine	Maryland
Van de Grift, Edythe B.	Maryland
Ways, Mary Virginia	Maryland
Wooddell, Martha Stark	West Virginia
Young, Margaret Magdeline	Pennsylvania

VOL. XIV JULY, 1929 No. 1

BULLETIN

OF THE

SCHOOL *of* MEDICINE

UNIVERSITY OF MARYLAND

PART TWO
CATALOGUE SUPPLEMENT
SESSION 1929-30

PUBLISHED FOUR TIMES A YEAR
JANUARY, APRIL, JULY AND OCTOBER
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BULLETIN

OF THE

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE

AND

COLLEGE OF PHYSICIANS AND SURGEONS

Successor to THE HOSPITAL BULLETIN of the University of Maryland, BALTIMORE MEDICAL COLLEGE NEWS, and the JOURNAL of the Alumni Association of the College of Physicians and Surgeons.

VOL. XIV JULY, 1929 No. 1

ANNUAL ANNOUNCEMENT

SESSION 1929-30

CALENDAR OF BALTIMORE SCHOOLS

UNIVERSITY OF MARYLAND

Session 1929-1930

FIRST SEMESTER

1929

Monday, September 23—Registration begins.

Monday, September 30—Instruction begins with the first scheduled period.

Monday, October 7—Last day to register without paying fine of $5.00.

Wednesday, November 27—Thanksgiving.

Saturday, December 21—Christmas recess begins after the last scheduled period.

1930

Monday, January 6—Instruction resumed with the first scheduled period.

Saturday, January 25—First semester ends after the last scheduled period.

SECOND SEMESTER

Monday, January 13—Registration begins for second semester.

Monday, January 27—Instruction begins with the first scheduled period.

Saturday, February 3—Last day to register without paying fine of $5.00.

Saturday, February 22—Holiday (Washington's Birthday).

Thursday, April 17—Easter recess begins after the last scheduled period.

Tuesday, April 22—Instruction resumed with the first scheduled period.

Saturday, June 7—Commencement Day.

THE UNIVERSITY OF MARYLAND

Control of the University of Maryland is vested in a Board of nine Regents, appointed by the Governor and confirmed by the Senate for terms of nine years each. The general administration of the University is vested in the President. The University Council is an advisory body, composed of the President, the Assistant to the President, the Director of the Agricultural Experiment Station, the Director of the Extension Service, and the Deans. The University Council acts upon all matters having relation to the University as a whole, or to cooperative work between the constituent groups. Each school has its own Faculty Council, composed of the Dean and members of its Faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organization:

The College of Agriculture,
The College of Engineering,
The College of Arts and Sciences,
The School of Medicine,
The School of Law,
The School of Dentistry,
The School of Pharmacy,
The College of Education,
The College of Home Economics,
The Graduate School,
The Summer School,
The Department of Physical Education and Recreation.

The Schools of Medicine, Law, Dentistry and Pharmacy are located in Baltimore; the others in College Park, Maryland.

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UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE

AND

COLLEGE OF PHYSICIANS AND SURGEONS

As a result of the merger accomplished in 1915 the combined schools offer the student the abundant resources of both institutions, and, in addition, by earlier combination with the Baltimore Medical College, the entire equipment of three large medical colleges.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was chartered in 1807, under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties, of Divinity, of Law, and of Arts and Sciences, and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

Established thus for more than a century, the School of Medicine of the University of Maryland has always been a leading medical college, especially prominent in the South and widely known and highly honored throughout the country.

The beautiful college building at Lombard and Greene Streets, erected in 1812, is the oldest structure in America devoted to medical teaching. Here was founded one of the first medical libraries and the first medical college library in the United States.

Here for the first time in America dissecting was made a compulsory part of the curriculum; here instruction in Dentistry was first given (1837), and here were first installed independent chairs for the teaching of Diseases of Women and Children (1867), and of Eye and Ear Diseases (1873).

The School of Medicine was one of the first to provide for adequate clinical instruction by the erection in 1823 of its own hospital, and in this hospital intramural residency for the senior student was first established.

In 1913, juncture was brought about with the Baltimore Medical College, an institution of 32 years' growth. By this association the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated under Legislative enactment in 1872, and established on Hanover Street in a building afterwards known as the Maternite, the first obstetrical hospital in Maryland. In 1878 union was affected with the Washington University School of Medicine, in existence since 1827, and the college was removed to its present location at Calvert and Saratoga Streets. By this arrangement medical control of the City Hospital, now the Mercy Hospital, was obtained, and on this foundation in 1899 the present admirable college building was erected.

ORGANIZATION OF THE SCHOOL OF MEDICINE

LABORATORY AND CLINICAL FACILITIES

The Laboratories

The laboratories are located at two centers, the group of buildings at Greene and Lombard Streets, and at 32 and 34 South Paca Street. The schedule is so adjusted that the laboratory periods are placed with a view of obviating unnecessary movement on the part of the classes. The building known as Gray Laboratory, at Greene and Lombard Streets, houses three departments. The Anatomical Laboratory is placed upon the top floor, where skylights and an auxiliary modern system of electric lighting gives adequate illumination of the subjects. On this floor are the office of the department and the necessary preparation rooms. The Department of Pharmacology occupies the second floor. There is a large room for the general student laboratory, which is thoroughly equipped with apparatus of recent acquisition, and in addition contains many instruments of unique and original design. With office and stockroom adjoining, this laboratory is complete for student experimentation. On the first floor of Gray Laboratory is the Department of Physiology. In addition to the large student laboratory, which is constructed for sections of forty-five students,

there are rooms for the departmental office, preparation of material, and storage of apparatus. An additional room is devoted exclusively to mammalian experiments. In this building there is maintained an animal room where is kept an abundance of material for experimental purposes. The embalming and storage plant for the Department of Anatomy is in physical connection with the building and its special departments. The laboratories of physiology and pharmacology are completely equipped with apparatus lockers so that in accord with the best ideas of instruction, the students work in groups of two each, and each group has sufficient apparatus so that the experimental work can be carried on without delay or recourse to a general stockroom.

The laboratories of Pathology and Biochemistry, are located in the laboratory building on Greene St. above Lombard. The former department has a large student laboratory with a capacity of ninety; the tables are so placed as to secure the most satisfactory illumination for microscopic work, in addition, all of the tables are electrically equipped for substage illumination. This equipment is also provided for all laboratories where microscopic work obtains. The museum of the Department of Pathology adjoins the student laboratory. Here are available for demonstration about fifteen hundred carefully prepared and mounted specimens, and for laboratory instruction and study, an abundance of autopsy material with complete clinical histories. Several preparation, research, and office rooms communicate with the other rooms of this department. The laboratory of Biochemistry is constructed and equipped for sections of fifty. The laboratory is completely equipped for the facilitation of work. The office and stockroom adjoin. In the Main Building is the Museum of Anatomy, where are arranged for student reference, specimens which represent the careful selection of material over a period of many years. In the University Hospital is the Student Laboratory for the analytical studies by those students who are serving as clinical clerks on the wards. A similar laboratory is maintained in the building at the northwest corner of Saratoga and Calvert Streets, for the student work on the wards of the Mercy Hospital.

At 32 and 34 South Paca Street are two laboratories for Bacteriology, Histology, and Clinical Pathology. The two laboratories accommodate one hundred and twenty-five students or the full class,

and are equipped with necessary lockers for microscopes and apparatus. Each of the departments housed in this building are provided with their individual offices, preparation and stockrooms.

Clinical Facilities

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the State of Maryland. It was opened in September, 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for eye cases.

The present hospital has a capacity of 275 beds devoted to general medicine, surgery, obstetrics and the various medical and surgical specialties. It is equipped with a thoroughly modern X-ray department and clinical laboratory, and a post-mortem building which is constructed with special reference to the instruction of students in *pathological anatomy.*

The hospital is situated opposite the medical school buildings so that the students lose no time in passing from the lecture halls and laboratories to the clinical amphitheater, dispensary and wards.

Owing to its situation, being adjacent to the largest manufacturing district of the city and the shipping district, large numbers of accident cases are received. These combined with the cases of many sick seamen and with patients from our own city furnish a large amount of clinical material. Accommodations for thirty obstetrical patients are provided in the hospital for the purpose of furnishing actual obstetrical experience to each member of the graduating class.

In connection with the University Hospital an outdoor obstetrical clinic is conducted, in which every case has careful pre-natal supervision, is attended during labor by a senior student, supervised by a hospital physician and assisted by a graduate nurse, and is visited during the puerperium by the attending student and graduate nurse. Careful pre-natal, labor and puerperal records are kept, making this work of extreme value to the medical student, not only from the obstetrical standpoint, but in making him appreciate the value of social service and public health work.

During the year ending December 31, 1927, 264 cases were delivered in the hospital and 1133 cases in the outdoor department. Students in the graduating class delivered an average of fourteen cases, each student being required to deliver twelve cases.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: Medicine, Surgery, Obstetrics, Children, Eye and Ear, Genito-Urinary, Gynecology, Gastro-Enterology, Neurology, Orthopaedics, Proctology, Dermatology, Throat and Nose, Tuberculosis and Psychiatry.

All students in their junior year work in the departents of Medicine and Surgery each day in one of the dispensaries.

All students in their senior year work in the special departments one hour each day.

HOSPITAL COUNCIL

RAYMOND A. PEARSON, M.S., D.Agr., LL.D., *President.*
J. M. H. ROWLAND, M.D., *Dean.*
M. C. PINCOFFS, S.B., M.D., *Head of the Department of Medicine.*
A. M. SHIPLEY, M.D., Sc.D., *Head of the Department of Surgery.*
SAMUEL M. SHOEMAKER, *President of the Board of Regents.*
A. J. LOMAS, M.D., *Superintendent of the Hospital.*
MISS ANNIE CRIGHTON, R.N., *Superintendent of Nurses.*
J. ALLISON MUIR.
G. M. SHRIVER.
W. B. BROOKS.
MISS FLORENCE SADTLER, *Representing Woman's Auxiliary Board.*

Representing Hospital Staff

J. W. HOLLAND, M.D.
C. REID EDWARDS, M.D.

Representing Medical Alumni

CHARLES W. MAXSON, M.D.
FRANK W. KEATING, M.D.

UNIVERSITY HOSPITAL STAFF

Superintendent of the Hospital, A. J. LOMAS, M.D.

Physicians

GORDON WILSON, M.D.
HARRY M. STEIN, M.D.
WALTER A. BAETJER, M.D.
C. C. HABLISTON, M.D.
MAURICE C. PINCOFFS, B.S., M.D.
G. CARROLL LOCKARD, M.D.
JOSEPH E. GICHNER, M.D.
WILLIAM H. SMITH, M.D.

Gastro-Enterologist

JULIUS FRIEDENWALD, A.M., M.D.

Neurologist

IRVING J. SPEAR, M.D.

Psychiatrist

R. M. CHAPMAN, M.D.

Pediatrician

C. LORING JOSLIN, M.D.

Pathologists

Hugh R. Spencer, M.D.
S. Lloyd Johnson, M.D.

Surgeons

Randolph Winslow, A.M., M.D., LL.D.
Arthur M. Shipley, M.D., Sc.D.
Joseph W. Holland, M.D.
Page Edmunds, M.D.
Nathan Winslow, M.D.
Frank S. Lynn, M.D.
Charles Reid Edwards, M.D.

Laryngologists

Edward A. Looper, M.D.
Franklin B. Anderson, M.D.

Proctologists

G. Milton Linthicum, A.M., M.D.
J. Dawson Reeder, M.D.

Orthopaedic Surgeons

Robt. W. Johnson, Jr., A.B., M.D.
Compton Riely, M.D.
Raymond Lenhard, A.B., M.D.

Genito-Urinary Surgeons

W. H. Toulson, A.B., M.Sc., M.D.
Lyle J. Millan, M.D.

Roentgenologists

Henry J. Walton, M.D.
Eugene L. Flippin, M.D.

Dermatologists

Melvin S. Rosenthal, M.D.
Harry M. Robinson, M.D.

Bronchoscopist

Waitman F. Zinn, M.D.

Anaesthetists

S. Griffith Davis, M.D.
Samuel W. Moore, D.D.S.
W. G. Queen, M.D.

Obstetricians

J. M. H. Rowland, M.D.
L. H. Douglass, M.D.
M. A. Novey, A.B., M.D.
J. G. M. Reese, M.D.
Isador H. Siegel, A.B., M.D.
Maurice Shamer, M.D.

Ophthalmologists and Otologists

Clyde A. Clapp, M.D.
Hiram Woods, A.M., M.D.
William Tarun, M.D.
J. W. Downey, M.D.

Gynecologists

W. S. Gardner, M.D.
Hugh Brent, M.D
R. G. Willse, M.D.

UNIVERSITY HOSPITAL DISPENSARY STAFF

RESIDENT STAFF, 1929-1930

Resident in Surgery	Clyde F. Karns, M.D.
Assistant Resident in Surgery	Hugh Alvin Bailey, M.D.
Assistant Resident in Surgery	Earl F. Limbach, M.D.
Assistant Resident in Surgery	Luther E. Little, M.D.
Resident in Medicine	Louis P. Gundry, M.D.
Assistant Resident in Medicine	William H. Varney, M.D.
Resident in Gynecology	Clarence H. Peake, M.D.
Resident in Obstetrics	W. E. Hoffman, M.D.
Assistant Resident in Obstetrics	Daniel Fisher, M.D.
Assistant Resident in Pediatrics	Walter B. Johnson, M.D.
Assistant Resident in Roentgenology	Luther E. Little, M.D.

INTERNES

Dr. W. Bateman Draper
Dr. Leroy Savin Heck
Dr. Samuel T. Helms
Dr. Horton E. Hughes
Dr. B. H. Kendall
Dr. L. M. Overton
Dr. M. C. Porterfield
Dr. W. Glen Speicher
Dr. Leon R. Staton
Dr. H. F. Ullrich
Dr. T. F. Vestal
Dr. George Yeager

Medicine

H. M. Stein, M.D., *Chief of Clinic*

William Michel, M.D.
A. L. Fehsenfeld, M.D.
S. B. Wolfe, M.D.
W. H. Triplett, M.D.
Leo Lally, M.D.
Thomas Coonan, M.D.

Diseases of the Stomach and Intestines

J. H. Ullrich, M.D., *Chief of Clinic*

Joseph Sindler, M.D.
Z. Morgan, M.D.
Aubrey C. Smoot, M.D.
M. S. Koppelman, M.D.
N. J. Davidov, M.D.
C. Vance Hooper, M.D.

Neurology

Irving J. Spear, M.D., *Professor of Neurology*
G. M. Settle, M.D., *Associate Professor of Neurology*
Leon Freedom, M.D., *Chief of Clinic*

Benjamin Pushkin, M.D.
Robert Hodes, M.D.

Mental Hygiene

Ralph P. Truitt, M.D., *Director*
Stewart B. Snissen, M.D.

Diseases of the Lungs

C. C. Habliston, M.D., *Chief of Clinic*

Diseases of Metabolism

H. M. Stein, M.D., *Chief of Clinic*

Cardiovascular Diseases

William S. Love, Jr., M.D., *Chief of Clinic*

Allergy Clinic

H. M. Bubert, M.D., *Chief of Clinic*

Pediatrics

C. Loring Joslin, M.D., *Professor of Clinical Pediatrics*
John H. Traband, M.D., *Chief of Clinic*
Clarence E. Macke, M.D., *Chief of Clinic*

Albert Jaffe, M.D.
William J. Todd, M.D.
F. Stratner Orem, M.D.
William G. Geyer, M.D.
R. M. Hening, M.D.
Marie Kovner, M.D.
Clewell Howell, M.D.
Samuel Glick, M.D.
M. N. Putterman, M.D.
A. H. Finkelstein, M.D.
T. Terry Burger, M.D.
M. Paul Byerly, M.D.
Louis T. Lavy, M.D.
S. C. Feldman, M.D.
Henry Ginsberg, M.D.
Walter B. Johnson, M.D.

Surgery

Charles Reid Edwards, M.D., *Chief of Clinic*

H. M. Foster, M.D.
J. Willis Guyton, M.D.
F. A. Sigrist, M.D.
H. L. Wheeler, M.D.
Thomas B. Aycock, M.D.
E. S. Johnson, M.D.
W. R. Johnson, M.D.
S. H. Culver, M.D.
A. C. Monninger, M.D.
W. W. Walker, M.D.
A. V. Buchness, M. D.
G. A. Fritz, M.D.

Orthopaedic Surgery

Robert W. Johnson, Jr., A.B., M.D., *Professor of Orthopaedic Surgery*
Raymond Lenhard, A.B., M.D., *Chief of Clinic*

Harry L. Rogers, M.D.
Clifford Lee Wilmoth, M.D.
W. A. Simpson, M.D.
I. H. Maseritz, M.D.
Clement R. Monroe, M.D.
Moses Gellman, M.D.

Genito-Urinary

W. H. TOULSON, M.D., *Chief of Clinic*

HARRIS GOLDMAN, M.D.
MILTON C. LANG, M.D.
J. H. COLLINSON, M.D.
H. C. KNAPP, M.D.
H. T. COLLENBERG, M.D.
L. K. FARGO, M.D.
LYLE J. MILLAN, M.D.

Roentgenologists

HENRY J. WALTON, M.D., *Chief of Clinic*

EUGENE L. FLIPPIN, M.D.
LUTHER E. LITTLE, M.D.

Dermatology

H. M. ROBINSON, M.D., *Chief of Clinic*

J. E. GATELY, M.D.
FRANCIS ELLIS, M.D.

Nose and Throat

E. A. LOOPER, M.D., *Clinical Professor of Diseases of Throat and Nose*

FRANKLIN B. ANDERSON, M.D., *Chief of Clinic*

F. A. HOLDEN, M.D.
THOMAS O'ROURKE, M.D.
CHARLES H. CAHN, M.D.
EDWARD TALBOTT, M.D.
JOSEPH NURKIN, M.D.

Colon and Rectum

MONTE EDWARDS, M.D., *Chief of Clinic*

Gynecology

J. M. HUNDLEY, JR., M.D.
A. V. BUCHNESS, M.D.
LEO BRADY, M.D.
GEORGE L. WISSIG, M.D.
WILLIAM J. FULTON, M.D.

Obstetrics

L. H. DOUGLAS, M.D., *Chief of Clinic*

J. G. M. REESE, M.D.
M. ALEXANDER NOVEY, M.D.
MAXWELL MAZER, M.D.
ISADORE A. SIEGEL, A.B., M.D.
MAURICE SHAMER, M.D.

Eye and Ear

CLYDE A. CLAPP, M.D., *Professor of Ophthalmology*

J. W. DOWNEY, M.D.

CHARLES CAHN, M.D.
JOHN G. RUNKEL, M.D.

Social Service

MISS GRACE PEARSON, *Directress*

Dispensary Report from October 1, 1927 to September 30, 1928

DEPARTMENTS	CASES NEW	 OLD	TOTAL
Pediatrics	2,865	19,302	22,167
Dermatology	5,072	9,947	15,019
Surgery	2,440	8,525	10,965
Obstetrics	1,700	5,955	7,655
Medicine	1,610	4,364	5,974
Genito-Urinary	841	4,953	5,794
Gynecology	1,312	2,759	4,071
Eye and Ear	1,296	2,695	3,991
Orthopaedic	345	1,813	2,158
Nose and Throat	1,010	953	1,963
Neurology	239	1,080	1,319
Gastro-Intestinal	197	702	899
Cardiology	111	374	485
Proctology	113	334	447
Tuberculosis	161	266	427
Cystoscopy	33	160	193
Total	19,345	64,182	83,527

In addition to the above, there were treated in the State Venereal Clinic 21,230 cases.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of administering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present Hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space has compelled the erection of additions, until now there are accommodations for 351 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

Mercy Hospital is located in the center of a city of 800,000 inhabitants.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

It adjoins the College building, and all surgical patients from the public wards are operated upon in the College operating rooms. This union of the Hospital and College buildings greatly facilitates the clinical teaching, as there is no time lost in passing from one to the other.

Mercy Hospital is the hospital of the United Railways and Electric Company of Baltimore City, and receives patients from the Baltimore and Ohio Railroad Company and from the Pennsylvania Railroad Company and its branches.

BOARD OF GOVERNORS

Samuel M. Shoemaker, Esq., *Chairman*

Sister M. Carmelita
Sister M. Siena
Sister M. Hildegarde
Sister M. Anita
Sister M. Euphrasia
Dr. Alexius McGlannan
Dr. Walter D. Wise
Dr. Thomas K. Galvin
Dr. Andrew C. Gillis
Dr. Standish McCleary

MERCY HOSPITAL STAFF

SURGICAL DIVISION

Alexius McGlannan, A.M., M.D.
W. D. Wise, M.D.
C. F. Blake, M.D.
Elliott Hutchins, M.D.
A. M. Evans, M.D.
F. L. Jennings, M.D.

Associate Surgeons

R. H. Locher, M.D.
T. R. Chambers, M.D.
I. O. Ridgley, M.D.
N. C. Marvel, M.D.
D. J. Pessagno, M.D.

Assistant Surgeons

Charles Maxson, M.D.
A. B. McElwain, M.D.
T. J. Touhey, M.D.
Dwight Mohr, M.D.
H. F. Bongardt, M.D.
J. W. Nelson, M.D.

Ophthalmologists and Otologists

Harry Friedenwald, M.D.

Associates

H. K. Fleck, M.D.
J. W. Downey, M.D.

Rhinologists and Laryngologists

Frank D. Sanger, M.D.
W. F. Zinn, M.D.
George W. Mitchell, M.D.
Raymond McKenzie, M.D.

Associates

F. A. Pacienza, M.D.

Proctologist

Charles F. Blake, M.D.

Orthopaedic Surgeon

Albertus Cotton, M.D.

Associate

H. L. Rogers, M.D.

Urologist

Alexander J. Gillis, M.D.

Assistant

Kenneth B. Leggee, M.D.

Dentists

John Frederick, D.D.S.
J. D. Fusco, D.D.S.

MEDICAL DIVISION

Physicians

Maurice C. Pincoffs, M.D.
Standish McCleary, M.D.
Cary B. Gamble, M.D.
Harvey G. Beck, M.D.

Associates

Hubert C. Knapp, M.D.
C. C. W. Judd, M.D.
H. R. Peters, M.D.
Bartus T. Baggott, M.D.
George McLean, M.D.
A. A. Sussman, M.D.
L. A. M. Krause, M.D.
John E. Leggee, M.D.

Assistant Physicians

Wetherbee Fort, M.D.
J. S. Eastland, M.D.
J. M. Miller, M.D.
S. A. Tumminello, M.D.

Gastro-Enterologist

Julius Friedenwald, M.D.

Associates

T. Frederick Leitz, M.D.
Theodore Morrison, M.D.

Assistants

Maurice Feldman, M.D.
Joseph Sindler, M.D.

Pediatricians

John Ruhrah, M.D.
Edgar B. Friedenwald, M.D.

Associate Pediatrician

F. B. Smith, M.D.

Assistant Pediatrician

W. F. Schmitz, M.D.

Neurologist and Psychiatrist

Andrew C. Gillis, M.D.

Associate

Milford Levy, M.D.

Dermatologist

Melvin Rosenthal, M.D.

OBSTETRICAL DIVISION

Charles E. Brack, M.D.
A. Samuels, M.D.
W. S. Gardner, M.D.
G. A. Strauss, M.D.
E. P. Smith, M.D.
J. J. Erwin, M.D.
T. K. Galvin, M.D.
E. S. Edlavitch, M.D.

GYNECOLOGICAL DIVISION

Gynecologists

William S. Gardner, M.D.
George A. Strauss, M.D.
E. P. Smith, M.D.
Abraham Samuels, M.D.
T. K. Galvin, M.D.

Associate

J. J. Erwin, M.D.

Assistant

E. S. Edlavitch, M.D.

PATHOLOGICAL DIVISION

Standish McCleary, M.D.
Hugh R. Spencer, M.D.

Clinical Pathologists

H. R. Peters, M.D.
H. T. Collenberg
Emil G. Schmidt, Ph.D.

Technicians

Sister M. Joan, Ph.G., R.N.
Francis Donovan, R.N.
Anna Chenoweth, R.N.

X-RAY DEPARTMENT

Radiographers

Albertus Cotton, M.D.
K. W. Golley, M.D.
Harry L. Rogers, M.D.

Technician—Sister M. Antonia, R.N.

MERCY HOSPITAL RESIDENT STAFF

Resident Surgeon

Julius J. Leyko, M.D.

Assistant Resident Surgeons

Simon Brager, M.D.

William N. McFaul, Jr., M.D.

Benjamin S. Rich, M.D.

Resident Physician

David Tenner, M.D.

Assistant Resident Physician

Resident Gynecologist

E. Eugene Covington, M.D.

Internes

Earl L. Chambers, M.D.
Fred L. DeBarbieri, M.D.
Sascha F. Guiglia, M.D.
Joseph T. McAndrew, M.D.
Israel P. Meranski, M.D.
John E. Murphy, M.D.
Isadore Neistadt, M.D.
Eldred Roberts, M.D.
O. Walter Spurrier, M.D.
C. C. Stevenson, M.D.

DISPENSARY STAFF OF MERCY HOSPITAL

Surgery Supervisors

A. M. Evans, M.D.
N. C. Marvel, M.D.
H. F. Bongardt, M.D.

Attending Surgeons

D. H. Mohr, M.D.
H. F. Bongardt, M.D.
I. O. Ridgley, M.D.
T. J. Touhey, M.D.
John O'Connor, M.D.
J. W. Nelson, M.D.

Genito-Urinary Surgery

A. J. Gillis, M.D.
K. B. Legge, M.D.

Orthopaedic Surgery

Albertus Cotton, M.D.
Harry L. Rogers, M.D.
I. H. Maseritz, M.D.

Medicine Supervisor

M. C. Pincoffs, M.D.

Attending Physicians

A. A. Sussman, M.D., *Chief of Clinic*
J. M. Miller, M.D.
S. Snyder, M.D.
S. A. Tumminello, M.D.

Cardiovascular Diseases

A. A. Sussman, M.D., *Chief of Clinic*

Diseases of the Lungs

S. Snyder, M.D., *Chief of Clinic*

Diseases of Metabolism

J. S. Eastland, M.D., *Chief of Clinic*

Allergic Diseases

H. M. Bubert, M.D., *Chief of Clinic*
S. Snyder, M.D.

Diseases of Stomach

Supervisor, Julius Friedenwald, M.D.

Attending Physicians

T. Frederick Leitz, M.D.
M. Feldman, M.D.
Theodore H. Morrison, M.D.
Joseph Sindler, M.D.
I. I. Levy, M.D.

Esophagoscopist

W. F. Zinn, M.D.

Nervous Diseases

Supervisor, A. C. Gillis, M.D.

Attending Physicians

Milford Levy, M.D.
Robert Hodes, M.D.

Pediatrics

Supervisor, Edgar B. Friedenwald, M.D.
Attending Physician, W. J. Schmitz, M.D.

Diseases of Women

Supervisors

W. S. Gardner, M.D.
A. Samuels, M.D.

Attending Surgeons

E. P. Smith, M.D.
J. J. Erwin, M.D.
T. K. Galvin, M.D.
C. F. J. Coughlin, M.D.
E. Edlavitch, M.D.

Diseases of Nose and Throat

W. F. Zinn, M.D.
F. A. Pacienza, M.D.
R. F. McKenzie, M.D.
Louis Small, M.D.
B. McGowan, M.D.

Diseases of Eye and Ear

H. F. Fleck, M.D.
J. I. Kemler, M.D.
M. Raskin, M.D.
F. A. Pacienza, M.D.
Bernard Wess, M. D.

Dermatology

Melvin Rosenthal, M.D.

Social Service Department

Sister M. Helen, R.N.
Virginia Judge

MERCY HOSPITAL DISPENSARY

	Old	New	Total
Surgical	2,411	903	3,314
Medical	1,932	1,113	3,045
Gynecological	718	334	1,052
Eye and Ear	562	364	926
Nose and Throat	513	526	1,039
Neurological	388	117	505
Children	353	256	609
Gastro-Intestinal	503	108	611
Dental	81	70	151
Rectal	117	41	158
Orthopaedic	662	233	895
Skin	536	205	741
Genito-Urinary	3,833	596	4,429
Roentgenology			377
Total	12,609	4,866	17852

OTHER CLINICAL FACILITIES

THE BALTIMORE CITY HOSPITALS

The clinical advantages of the University have been largely increased by the liberal decision of the Board of Supervisors of City Charities to allow the immense material of these hospitals to be used for the purpose of medical education. There are daily visits and clinics in medicine and surgery by the Staff of the Hospitals. The autopsy material is unsurpassed in this country in amount, thoroughness in study, and the use made of it in medical teaching.

The Baltimore City Hospitals consist of the following separate hospitals:

The General Hospital, 160 beds.

The Hospital for Chronic Cases, 180 beds.

The Hospital for Tuberculosis, 190 beds.

The Detention Hospital for Insane, 450 beds.

STAFF OF THE BALTIMORE CITY HOSPITALS

VISITING STAFF

Thomas R. Boggs, S.B., M.D., *Physician-in-Chief.*

Arthur M. Shipley, Sc.D., M.D., *Surgeon-in-Chief.*

C. C. Habliston, M.D., *Physician-in-Chief to the Tuberculosis Hospital.*

Harry Goldsmith, M.D., *Physician-in-Charge of the Detention Hospital for the Insane.*

Wiley D. Forbus, A.B., M.D., *Visiting Pathologist.*

George H. Rumsberg, M.D., *Resident Pathologist.*

CONSULTING STAFF

Otologist
William Tarun, M.D.,

Gynecologists
R. G. Willse, M.D.
J. Mason Hundley, Jr., M.A., M.D.

Urologist
W. H. Toulson, A.B., M.D.

Laryngologists
H. R. Slack, M.D.
Franklin B. Anderson, M.D.

Pediatrician
John Ruhrah, M.D.

Neurologist
Oliver Smith, A.B., M.D.

Psychiatrists
Henry J. Berkley, M.D.
Adolph Meyer, M.D.

Orthopaedist
H. L. Wheeler, M.D.

Proctologist
G. Milton Linthicum, A.B., M.D.

Assisting Visiting Physician
Charles R. Austrian, M.D.

Assistant Visiting Surgeons
Frank S. Lynn, M.D.
C. A. Reifschneider, M.D.
E. M. Hanrahan, A.B., M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution contains 62 beds for the active treatment of orthopaedic conditions. A new modern hospital building has just been constructed with every facility for operating and physiotherapy for bone and joint cases. It is situated just within the northwestern city limits on a large estate of 75 acres at Hillsdale.

The hospital has endowed beds, private beds and beds supported by the city and state. The location is ideal for the treatment of bone and joint conditions of all characters in children having all the advantages of country air and sunshine, together with easy access from the city.

A dispensary at the University Hospital is maintained for the cases which are discharged from the hospital. It is, in fact, the Children's Orthopaedic Dispensary at the University of Maryland and the close affiliation is maintained for teaching purposes as well as clinical care of the patients. The physiotherapy department is very well equipped with modern apparatus and trained personnel.

STAFF

Surgeon-in-Chief and Medical Director
Robert W. Johnson, Jr., A.B., M.D.

Attending Orthopaedic Surgeon
Albertus Cotton, A.M., M.D.

Associate Orthopaedic Surgeons

Moses Gellman, B.S., M.D.	Harry L. Rogers, M.D.
Clement R. Monroe, M.D.	W. A. Simpson, A.B., M.D.

Consulting Surgeons

J. M. T. Finney, A.B., M.D., D.S.M., F.R.C.S. (Eng. Ire.) Hon.
Arthur M. Shipley, Sc.D., M.D.

Plastic Surgeon

John Staige Davis, B.Sc., M.D.

Neuro-Surgeon

Charles Bagley, Jr., A.B., M.D.

Consulting Oculist and Aurist

Hiram Woods, A.B., M.D., LL.D.

Oculist and Aurist

William Tarun, M.D.

Laryngologist

Edward A. Looper, M.D.

Assistant Laryngologists

F. B. Anderson, M.D.
Allen Holden, M.D.
Everett L. Bishop, M.D.
Marshall P. Byerly, M.D.

Dentists

J. B. Bell, D.D.S.
C. Merle Dixon, Jr., D.D.S.

Consulting Physicians

Lewellys F. Barker, A.B., M.D.
Thomas R. Brown, A.B., M.D.
Thomas B. Futcher, A.B., M.D.
William S. Thayer, A.B., M.D.

Pediatrist

Benjamin Tappan, A.B., M.D.

Dermatologist

John R. Abercrombie, A.B., M.D.

Pathologist

Sydney M. Cone, A.B., M.D.

Attending Pathologist

Howard J. Maldeis, M.D.

Neurologist

Irving J. Spear, M.D.

Head Nurse

Miss Grace Lovell Elgin, R.N.

Dispensary and Social Service Nurse

Miss Mabel S. Brown, R.N.

Physiotherapists, Masseuses and Instructors in Corrective Gymnastics

Miss Anita Renshaw Presstman
Miss Elizabeth Emory
Mrs. Georgiana Wisong
Miss Florence Grape

Roentgenologists

Albertus Cotton, A.M., M.D.
Henry J. Walton, M.D.
Mrs. Georgiana Wisong

Instructors in Grammar School

Miss Mary H. Lee, *Principal*
Miss Mary Sampson, *Assistant*

Superintendent and Business Manager

Mrs. M. E. Lane

ST. VINCENT'S INFANT ASYLUM

The facilities of this institution, containing 250 infants and children, have been kindly extended to the University of Maryland by the Sisters of Charity. This large clinic enables this school to present to its students liberal opportunities for the study of diseases of infants and children.

STAFF

Obstetrician

Dr. L. H. Douglass

Pediatricians

Dr. W. C. Bacon
Dr. C. R. Goldsborough
Dr. W. H. Ingram
Dr. C. L. Joslin

Surgeon

Dr. N. Winslow

Dermatologist

Dr. J. A. Buchness

Oculists

Dr. C. A. Clapp
Dr. F. B. Anderson

Orthopaedic Surgeon

Dr. W. H. Daniels

Physician

Dr. C. P. Clautice

Epidemiologist

Dr. M. E. Ballard

LIBRARIES

The University Library, founded in 1813 by the purchase of the collection of Dr. John Crawford, now contains 29,659 volumes, a file of 76 current (medical) journals, and several thousand pamphlets and reprints. It is well stocked with recent literature, including books and periodicals of general interest. The home of the Library is Davidge Hall, a comfortable and commodious building in close proximity to the classrooms and the Laboratories of the Medical Department. The Library is open daily during the year, except in August, for use of members of the Faculty, the students, and the profession generally.

The Library of the Medical and Chirurgical Faculty of Maryland, containing 60,000 volumes, is open to the students of the school. The leading medical publications of the world are received by the Library, and complete sets of many journals are available. Other Libraries of Baltimore are the Peabody (215,355 volumes) and the Enoch Pratt Free Library (576,500 volumes).

All these Libraries are open to the students of the school without charge.

ORGANIZATION OF THE CURRICULUM

The following curriculum is the result of a thorough revision of teaching in this school in order to meet modern requirements. The multiplication of specialties in medicine and surgery necessitates a very crowded course and the introduction of electives will very soon be depended on to solve some of the difficulties.

The curriculum is organized under eleven departments:

1. Anatomy (including Histology and Embryology).
2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology and Otology.

The instruction is given in four years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures and functions of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in Medicine and Surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the needs of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF ANATOMY, INCLUDING HISTOLOGY AND EMBRYOLOGY

C. L. Davis, M.D.	Professor of Anatomy
Eduard Uhlenhuth, Ph.D.	Associate Professor of Anatomy
John F. Lutz, M.D.	Instructor in Histology
Frank H. Figge, B.S.	Assistant in Anatomy
Thomas B. Aycock, M.D.	Assistant in Anatomy
Monte Edwards, M.D.	Assistant in Anatomy
Joseph Pokorny, M.D.	Assistant in Histology
J. Hulla, M.D.	Assistant in Histology
R. W. Johnson, M.D.	Assistant in Histology

Gross Anatomy. *First Year.* Four to five hours every day for approximately 20 weeks. The entire course centers around the dissection of the human body. Each student is given opportunity to dissect an entire half (left or right) of the body. The dissection is supplemented by lectures and informal discussions.

Anatomy is taught as an independent science, emphasis being laid on the human species as contrasted to animal morphology. An attempt is made to familiarize the student with the elements of anthropometry, with systematic and regional anatomy, with the principles of topographical anatomy and with osteology.

The actual dissection is preceded by a general examination of the body surface and superficial organs. Opportunity is provided for taking representative measurements of the head, face, trunk and limbs and of acquiring a knowledge of using anthropometric instruments. Throughout the dissection the student is encouraged to take measurements and weights of all the major organs, including the brain and the endocrine organs, and to obtain a knowledge of the proportions of each organ to the body as a whole as well as to the variability of these proportions.

The dissection is undertaken in relation to topographical regions of the body, but systematic relations are continuously emphasized and, wherever possible, brought out by actual dissection.

Osteology is taught in conjunction with the dissection of the muscles and the study of the functional mechanism of the skeleto-muscular apparatus. Each student is provided with a set of bones to aid him in his homework. A charge of $6 is made for each set, $4 of which is returned at the end of the year, while the remaining $2 are used for the upkeep of old and the purchase of new skeletal material. Fifty complete and perfect skeletons of the whole body and about as many of the limbs are available for reference and special advanced work.

At the end of the course the entire work is reviewed in a series of lectures presenting the entire anatomical basis of the most representative physiological activities, such as respiration, secretion, digestion, endocrine activity, parturition, etc.

Second, Third and Fourth Years. Opportunity is provided for advanced special dissections and for research work in every branch of anatomy. Dr. Eduard Uhlenhuth.

Histology and Embryology

First Year. Lectures, recitations and laboratory work, twelve hours each week for sixteen weeks. Histology and embryology are taught as a common subject, the histogenesis of a part preceding its histological study.

The most important part of the work will be done in the laboratory, where each student will be provided with apparatus, staining fluids and material necessary for the preparation of specimens for microscopical examination. An important aid to the course is the projection microscope and balopticon which are used for the projection upon a screen of magnified images of the specimens actually used in the laboratory, and of illustrations from standard textbooks.

Each student is provided with a loan collection of histological slides, for which a deposit of $10 is required. This deposit is refunded upon the return of the slides in a satisfactory condition. Dr. C. L. Davis and Dr. J. F. Lutz.

Neuro Anatomy

During the second semester 36 hours are devoted to an elementary course in Neuro Anatomy. The human brain is dissected and microscopical sections of representative levels of the brain stem studied. Laboratory talks and lantern slide demonstration supplement the students work, the entire course being based on an effort to familiarize the student with the structure of the central nervous system as applied to its physiology. Dr. Carl L. Davis.

DEPARTMENT OF PHYSIOLOGY

Ferdinand A. Ries, M.D.	Associate Professor of Physiology
Charles C. Conser, M.D.	Associate Professor of Physiology
O. G. Harne, A.B.	Associate in Physiology

First Year. Lectures, laboratory and recitations in physiology are given the last eight weeks of the first year. The physiology of the muscle and nerve, of the central nervous system and of digestion and secretion is taken up in lectures and laboratory.

Second Year. A continuation of the first year course. The work consists of lectures and laboratory work on blood, circulation, internal secretions, special senses, respiration and metabolism.

Summary

	First Year	Second Year
Lectures and recitation	37 hours	72 hours
Laboratory	64 hours	87 hours
Total	101 hours	159 hours

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Frank W. Hachtel, M.D.	Professor of Bacteriology
William Royal Stokes, M.D., Sc.D.	Professor of Bacteriology
J. A. F. Pfeiffer, M.D.	Instructor in Bacteriology
Henry F. Buettner, M.D.	Instructor in Bacteriology
H. E. Levin, M.D.	Assistant in Bacteriology

Instruction in bacteriology is given in the laboratory to the students of the second year during the first semester. This includes the various methods of preparation and sterilization of culture media, the study of pathogenic bacteria and the bacteriological examination of water and milk. The bacteriological diagnosis of the communicable diseases is also included in this course. Animal inoculations are made in connection with the bacteria studied. The most important protozoa are also studied in the laboratory. The principles of general bacteriology are taught by quiz, conference and lecture.

The principles of immunology are presented by means of quizzes, conferences and lectures to the second-year class throughout the second semester, and practical experiments are carried out by the class in laboratory sessions of three hours each, held four days a week for eight weeks.

DEPARTMENT OF BIOLOGICAL CHEMISTRY

H. Boyd Wylie, M.D.	Professor of Biological Chemistry
Frank N. Ogden, M.D.	Associate in Biological Chemistry
Emil G. Schmidt, Ph. D.	Associate in Biological Chemistry
Ruth F. Carr, B.S.	Assistant in Biological Chemistry

Lectures	76 hours,
Conferences	20 hours,
Laboratory	120 hours.

This course is designed to present the fundamental concepts of Biological Chemistry. The principal constituents and the phenomena of living matter are discussed in the lectures and studied in the laboratory. Training is afforded in routine biochemical methods of investigation.

PHARMACOLOGY AND MATERIA MEDICA

William Henry Schultz, Ph.B., Ph.D.	Professor of Pharmacology
John M. Haynes, B.A., M.A.	Instructor in Pharmacology
Ruth Musser, B.A.	Instructor in Pharmacology
William Glenn Harne	Demonstrator in Pharmacology

1. Materia Medica and Pharmacology. Fifty-six hours required.

The prerequisites to this and the following courses in pharmacology are college chemistry, pharmaceutical and biological chemistry. Special courses in physical and colloidal chemistry are highly recommended.

2. Systematic Pharmacology. Ninety-six hours required. Second year. In this portion of the course the student is taught Pharmacology as a pure science. The aim is to attain a mean between that which has a purely scientific bearing and that dominantly practical, so that both a critical attitude toward drugs and an understanding of the principles of dosage may be acquired. This is ac-

complished by lectures, quizzes, conferences and the following course of laboratory exercises.

3. Pharmacodynamics. Ninety-six hours. Second Year. This laboratory course runs parallel with Pharmacology 2.

In the first part of the course the experiments are upon normal animals (anaesthetised). Special emphasis is laid upon technic and upon the student's ability to record and properly analyze the results.

The second half of the course partakes more of the character of experimental medicine. Pathological animals are treated with chemotherapeutic agents and the toxicity of the drug for the host and for the parasite are studied. Students who by this time have demonstrated ability and initiative are encouraged to do intensive work along lines of special interest.

4. Pharmacology of General and Local Anesthetics and Soporifics. Four weeks, three lectures, three laboratory periods a week. This is a special course designed to meet the needs of physician and graduate nurse who wish to acquire a knowledge of the more recent developments in the pharmacology of depressant and sleep-producing drugs. The course is so arranged that those properly qualified may continmue the work under expert anesthetists in the wards of the hospitals connected with the university. Professor Schultz.

5. Research in Pharamacology and Chemo-Therapy. Properly qualified students are admitted to the laboratory with a view to their carrying on original investigations in drug action. Thoroughly equipped laboratories are well adapted for post-graduate study and research in Pharmacology. Hours will be arranged to suit the applicant. Professor Schultz.

DEPARTMENT OF PATHOLOGY

Hugh R. Spencer, M.D.	Professor of Pathology
Standish McCleary, M.D.	Professor of Pathology
Sydney M. Cone, M.D.	Associate Professor of Pathology
Robert B. Wright, M.D.	Assistant Professor of Pathology
Albert E. Goldstein, M.D.	Associate in Pathology
Walter C. Merkle, M.D.	Associate in Pathology
M. Alexander Novey, M.D.	Instructor in Pathology
Wm. S. Love, M.D.	Instructor in Pathology

A. A. Sussman, M.D.	Instructor in Pathology
Howard M. Bubert, M.D.	Instructor in Pathology
Leon Freedom, M.D.	Instructor in Pathology
M. H. Goodman, M.D.	Instructor in Pathology
C. Gordon Warner, A.B., M.D.,	Instructor in Pathology
Benjamin Abeshouse, M.D.	Instructor in Pathology
George H. Rumberg, M.D.	Assistant in Pathology
W. R. Johnson, M.D.	Assistant in Pathology

Courses of instruction in Pathology are given during the second and third years. These courses are based on previous study of normal structure and function and aim to outline the natural history of disease. Instruction is made as practical as possible that the student may become familiar with the appearance of tissues in disease and may be able to correlate anatomical lesions with clinical symptoms and signs.

1. General Pathology and Histo-Pathology. This course is given to second year students. It includes the study and demonstration of disturbances of the body fluids, disturbances of structure, nutrition and metabolism of cells, disturbances of fat, carbohydrate and protein metabolism, disturbances in pigment metabolism, inflammation and tumors. Appropriate sections and gross material are studied in the laboratory.

2. Applied Pathology, Including Gross Morbid Anatomy and Morbid Physiology. *Third-year Students.* In this course the special relationship of the gross and microscopial lesions to clinical symptoms and signs is emphasized. Fresh material from autopsy collected at the various hospitals is demonstrated and supplemented by a study of the respective autopsy protocols.

3. Autopsies. *Third Year.* Autopsy technique is taught to small groups of students by special instruction at autopsies performed at the various hospitals. Students are required to assist at the autopsy, study the organs, examine the microscopical sections, make cultures and prepare autopsy protocols.

4. Clinical Pathology Conference. *Fourth Year.* In collaboration with the Department of Medicine. Material from autopsies is studied with reference to the correlation of the clinical aspects with the pathological findings.

5. Advanced Work in Pathology. Properly qualified students will be permitted to carry out advanced or research work along the lines of experimental pathology.

DEPARTMENT OF MEDICINE

Maurice C. Pincoffs, B.S., M.D.	Professor of Medicine
Gordon Wilson, M.D.	Professor of Medicine
Standish McCleary, M.D.	Professor of Pathology and Clinical Medicine
Jos. E. Gichner, M.D.,	Professor of Clinical Medicine and Physical Therapeutics
G. Carroll Lockard, M.D.	Professor of Clinical Medicine
Harvey G. Beck, Sc.D., M.D.	Professor of Clinical Medicine
Paul W. Clough, B.S., M.D.	Associate Professor of Medicine
C. C. W. Judd, A.B., M.D.	Associate Professor of Medicine
Sydney R. Miller, M.D.	Associate Professor of Medicine
Walter A. Baetjer, A.B., M.D.	Associate Professor of Medicine
Harry M. Stein, M.D.	Associate Professor of Medicine
Wm. H. Smith, M.D.	Associate Professor of Clinical Medicine
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
S. Lloyd Johnson, M.D.	Assistant Professor of Medicine
John G. Huck, M.D.	Assistant Professor of Medicine
George McLean, M.D.	Assistant Professor of Medicine
C. C. Habliston, M.D.	Assistant Professor of Medicine
L. A. M. Krause, M.D.	Assistant Professor of Medicine
H. R. Peters, M.D.	Assistant Professor of Medicine
H. M. Bubert, M.D.	Associate in Medicine
W. S. Love, Jr., A.B., M.D.	Associate in Medicine
A. A. Sussman, M.D.	Associate in Medicine
William Michel, M.D.	Instructor in Medicine
M. G. Gichner, M.D.	Instructor in Medicine
William A. Strauss, M.D.	Instructor in Medicine
Henry Sheppard, M.D.	Instructor in Medicine
Wetherbee Fort, M.D.	Instructor in Medicine
J. S. Eastland, M.D.	Instructor in Medicine
R. Hooper Smith, M.D.	Assistant in Medicine
W. H. Woody, M.D.	Assistant in Medicine
Thomas C. Wolfe, M.D.	Assistant in Medicine
Henry C. Smith, M.D.	Assistant in Medicine
Nathaniel Beck, M.D.	Assistant in Medicine
Carl Benson, M.D.	Assistant in Medicine
F. S. Waesche, M.D.	Assistant in Medicine
A. Scagnetti, M.D.	Assistant in Medicine
David Tenner, M.D.	Assistant in Medicine

GENERAL OUTLINE

SECOND YEAR

Introduction to clinical medicine.

- (a) Introductory physical diagnosis.
    - (1 hour a week, first semester.)
    - (2 hours a week, second semester.)
- (b) Medical clinics.
    - (1 hour a week, second semester.)

THIRD YEAR

I. The methods of examination (13 hours a week).

- (a) History taking.
- (b) Physical diagnosis.
- (c) Clinical pathology.

These subjects are taught and practiced in the out-patient department and in the clinical laboratory.

II. The principles of medicine (7 hours a week).

- (a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics and preventive medicine.

III. The principles of therapeutics (2 hours a week).

Lectures and demonstrations in general therapeutics, physical therapeutics and materia medica.

FOURTH YEAR

The practice of medicine.

I. Clinical clerkship on the medical wards.

(26 hours a week for ten weeks.)

- (a) Responsibility, under supervision, for the history, physical examination, laboratory examination and progress notes of assigned cases.
- (b) Ward classes in general medicine, the medical specialties, and therapeutics.

II. Clinics in general medicine and the medical specialties.

(6 hours a week.)

III. Dispensary work in the medical specialties.

IV. Clinical pathological conferences (1 hour a week.)

Medical Dispensary Work

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two periods a week of two hours each in dispensary work.

The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Physical Diagnosis

Second Year. Didactic lectures and practical demonstrations in topographical anatomy and normal physical signs.

Third Year. The class is divided into small groups, and each section receives instruction for four hours a week for the entire session in the medical dispensaries of the hospitals. The large clinical material of the dispensaries and hospitals is utilized to give each student the opportunity to familiarize himself with the common types of bodily structure, with the normal variations in physical signs and with the physical signs of the chief pulmonary, circulatory and abdominal diseases.

Therapeutics

Third Year. General therapeutics and materia medica are taken up and an effort is made to familiarize the student with the practical treatment of disease. The special therapy of the chief diseases is then reviewed. Two hours a week. Dr. Lockard.

The principles of physical therapy are taught in a special lecture and demonstration course consisting of six one-hour periods. Dr. Gichner.

Fourth Year. Special consideration is given to the practical application of therapeutic principles in bedside teaching and the chief therapeutic methods are demonstrated.

Tuberculosis

During the third year in connection with the instruction in physical diagnosis a practical course is given weekly to sections of the class at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

Syphilis

Third Year. During the third year the subject of syphilis will be dealt with in the lecture course.

Fourth Year. An elective course in the therapeutic management of syphilis will be offered in the dispensary.

CLINICAL PATHOLOGY

John G. Huck, M.D.	Assistant Professor of Medicine Head of Department of Clinical Pathology
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
M. G. Gichner, M.D.	Instructor in Medicine
William A. Strauss, M.D.	Instructor in Medicine
R. Hooper Smith, M.D.	Assistant in Medicine

During the third year the student is thoroughly drilled in the technique of the usual clinical laboratory work, so that he is able to perform all routine examination which may be called for during his fourth year, in connection with the work in the wards and dispensary.

The practical work is supplemented by a series of didactic lectures and demonstrations in which the entire teaching staff of the department takes an active part. The microscopical and chemical study of blood, exudates and transudates, gastric juice, spinal fluid, feces and urine are successively taken up, and special attention directed to the clinical significance of the findings.

Clinical parasitology from the standpoint of the infecting agent and the carrier is given careful consideration.

The entire course is thoroughly practical. Each student has his own microscope and is provided with blood counters and hemoglobinometer for his exclusive use, and every two students with a special laboratory outfit for all routine purposes.

During the fourth year the student applies what he has learned during the preceding year in the laboratories of the various affiliated hospitals. He is also supplied with a laboratory outfit which is sufficiently complete to enable him to work independently of the general equipment. Special instructors are available during certain hours to give necessary assistance and advice.

GASTRO-ENTEROLOGY

Julius Friedenwald, A.M., M.D.	Professor of Gastro-Enterology
T. Fred Leitz, M.D.	Clinical Professor of Gastro-Enterology
J. Harry Ullrich, M.D.	Associate Professor of Gastro-Enterology
Theodore H. Morrison, M.D.	Associate Professor of Gastro-Enterology
Maurice Feldman, M.D.	Assistant Professor of Gastro-Enterology
Zachariah Morgan, M.D.	Associate in Gastro-Enterology
Joseph Sindler, M.D.	Associate in Gastro-Enterology
M. S. Koppelman, M.D.	Instructor in Gastro-Enterology
N. J. Davidov, M.D.	Instructor in Gastro-Enterology
Isidore I. Levy, M.D.	Instructor in Gastro-Enterology
C. Vance Hooper, M.D.	Assistant in Gastro-Enterology
Aubrey C. Smoot, M.D.	Assistant in Gastro-Enterology

Fourth Year. Clinics, recitations and demonstrations to the class for one hour a week throughout the session. Dispensary instruction to small groups throughout the entire session. Practical instruction in the differential and clinical diagnosis and demonstrations of the newer methods of diagnosis in gastro-intestinal affections.

PSYCHIATRY

R. M. Chapman, M.D.	Professor of Psychiatry
H. S. Sullivan, M.D.	Associate Professor of Psychiatry
Lewis B. Hill, M.D.	Associate in Psychiatry
Harry Goldsmith, M.D.	Instructor in Psychiatry

Third Year. In the third year the student attends fifteen clinical lectures and five clinics which are designed to be introductory to the more intensive work in psychiatry in the fourth year.

Fourth Year. The class is divided into sections for clinical conferences on selected groups of cases. Each student may work for a short period as assistant in the Mental Hygiene Clinic, and thus gain practical experience of the problems of history-taking, examination, and the care of psychiatric patients.

PEDIATRICS

Edgar B. Friedenwald, M.D.	Professor of Clinical Pediatrics
C. Loring Joslin, M.D.	Professor of Clinical Pediatrics
John H. Traband, M.D.	Assistant Professor of Pediatrics
Clarence E. Macke, M.D.	Assistant Professor of Pediatrics
Albert Jaffe, M.D.	Assistant Professor of Pediatrics
William J. Todd, M.D.	Associate in Pediatrics
William G. Geyer, M.D.	Associate in Pediatrics
Clewell Howell, M.D.	Associate in Pediatrics
Samuel S. Glick, M.D.	Associate in Pediatrics
F. Stratner Orem, M.D.	Instructor in Pediatrics
Frederick B. Dart, M.D.	Instructor in Pediatrics
Frederick Smith, M.D.	Instructor in Pediatrics
R. M. Hening, M.D.	Instructor in Pediatrics
Marie Kovner, M.D.	Instructor in Pediatrics
M. N. Putterman, M.D.	Instructor in Pediatrics
A. H. Finkelstein, M.D.	Instructor in Pediatrics
T. Terry Burger, M.D.	Instructor in Pediatrics
W. T. Schmitz, M.D.	Assistant in Pediatrics
S. C. Feldman, M.D.	Assistant in Pediatrics
M. Paul Byerly, M.D.	Assistant in Pediatrics
Louis T. Lavy, M.D.	Assistant in Pediatrics
Henry Ginsberg, M.D.	Assistant in Pediatrics
Walter B. Johnson, M.D.	Assistant in Pediatrics

Third Year. Instruction during the third year consists of one lecture each week in which infant feeding and the most important diseases of infancy and childhood are especially emphasized. Drs. Joslin and Friedenwald.

Fourth Year. During this year a weekly clinical lecture is given where the character of disease is fully demonstrated and the students are afforded an opportunity for personal examination of all cases. In addition, ward classes are held weekly where bedside instruction is given. A section of the class also works daily at the Babies' and Children's Clinic. This clinic, which is under the direction of Dr. Joslin, has a yearly attendance of more than twenty thousand, and offers an excellent opportunity for study and observation of a wide variety of cases under competent instructors.

Instruction is also given on the Children's Ward at the Mercy Hospital.

NEUROLOGY

Irving J. Spear, M.D.	Professor of Neurology
Andrew C. Gillis, A.M., M.D., LL.D	Professor of Neurology
G. M. Settle, A.B., M.D.,	Associate Professor of Neurology and Clinical Medicine
Benjamin Pushkin, M.D.	Associate Professor of Clinical Neurology
Milford Levy, M.D.	Assistant Professor of Neurology
Leon Freedom, M.D.	Associate in Neurology
Robert Hodes, M.D.	Instructor in Neurology

Third Year. Lectures and recitations one hour each week to the entire class. Instruction in clinical neurology two hours a week at the City Hospital to small groups. By means of didactic lectures and clinical conferences, there are considered the commoner types of diseases of the nervous system, the methods of neurological examination, and the relationship of signs and symptoms to pathological conditions. The material at the University and Mercy Hospitals is available.

Fourth Year. Clinical conference one hour each week to the entire class. This subject is taught at the University and Mercy Hospitals. All cases presented at these clinics are carefully examined; complete written records are made by the students who demonstrate the cases before the class. The cases are usually assigned one or two weeks before they are presented, and each student in the class must prepare one or more cases during the year.

Ward Class Instruction. In small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the cases in the wards under the supervision of the instructor.

Dispensary Instruction. Small sections are instructed in the dispensaries of the University and Mercy Hospitals four afternoons each week. In this way students are brought into contact with nervous diseases in their earlier as well as later manifestations.

HYGIENE AND PREVENTIVE MEDICINE

C. Hampson Jones, M.D., C.M.	Professor of Hygiene and Public Health
V. L. Ellicott, M.D.	Instructor in Hygiene and Public Health
M. G. Tull, M.D.	Instructor in Hygiene and Public Health

Third Year. Two lectures a week throughout the session. The lectures will encompass the fundamental subjects: air, water, soil, food, disposal of wastes, communicable diseases, state and federal public health laws, and industrial diseases. Small groups visit the Sydenham Hospital weekly and are given practical instruction in the diagnosis, treatment and isolation of the contagious diseases.

Fourth Year. Small groups visit the City Board of Health Laboratories for practical instruction in the laboratory, field and administrative aspects of public health work.

MEDICAL JURISPRUDENCE

H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence Baltimore City Post Mortem Physician

Fourth Year. One hour each week for one semester.

Inasmuch as Medical Jurisprudence teaches the application of every branch of medical knowledge to the needs of the law, civil or criminal, this course embraces the following: Proceedings in criminal and civil prosecution; medical evidence and testimony; identity in its general relations; sexual abnormalities; personal identity; impotence and sterility; rape; criminal abortions; signs of death; wounds in their medico-legal relations; death, natural and homicidal; malpractice; insanity and medico-legal autopsies

DEPARTMENT OF SURGERY

Arthur M. Shipley, Sc.D., M.D.	Professor of Surgery
Alexius McGlannan, A.M., M.D.	Professor of Surgery
Nathan Winslow, A.M., M.D.	Clinical Professor of Surgery
Page Edmunds, M.D.	Clinical Professor of Industrial Surgery
Walter D. Wise, M.D.	Clinical Professor of Surgery
Joseph W. Holland, M.D.	Clinical Professor of Surgery
Frank S. Lynn, M.D.	Clinical Professor of Surgery
Elliott H. Hutchins, A.M., M.D.	Clinical Professor of Surgery
Charles Reid Edwards, M.D.	Clinical Professor of Surgery
Thomas R. Chambers, A.M., M.D.	Associate Professor of Surgery
R. W. Locher, M.D.	Associate Professor of Clinical Surgery
A. M. Evans, M.D.	Associate Professor of Surgery
F. L. Jennings, M.D.	Associate Professor of Surgery
E. S. Johnson, M.D.	Associate Professor of Surgery
E. H. Hayward, M.D.	Associate in Surgery
C. A. Reifschneider, M.D.	Associate in Surgery
M. J. Hanna, M.D.	Associate in Surgery
H. M. Foster, M.D.	Associate in Surgery
D. J. Pessagno, M.D.	Associate in Surgery
C. F. Horine, M.D.	Associate in Surgery
I. O. Ridgley, M.D.	Instructor in Surgery
W. R. Johnson, M.D.	Instructor in Surgery
E. M. Hanrahan, A.B., M.D.	Instructor in Surgery
H. F. Bongardt, M.D.	Instructor in Surgery
Dwight Mohr, M.D.	Assistant in Surgery
Wm. R. Geraghty, M.D.	Assistant in Surgery
S. Demarco, M.D.	Assistant in Surgery
Clyde Marvel, M.D.	Assistant in Surgery
H. M. McElwain, M.D.	Assistant in Surgery
J. G. Onnen, M.D.	Assistant in Surgery
A. V. Buchness, M.D.	Assistant in Surgery
Karl J. Steinmueller, A.B., M.D.	Assistant in Surgery
Thomas B. Aycock, A.B., M.D.	Assistant in Surgery
Robert W. Johnson, M.D.	Assistant in Surgery
S. H. Culver, M.D.	Assistant in Surgery
T. J. Touhey, M.D.	Assistant in Surgery

The teaching is done in the Anatomical Laboratory and the dispensaries, wards, clinical laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

Instruction is given by means of lectures, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year, and continues throughout the third and fourth years.

Second Year

Topographic and Surgical Anatomy. The course is designed to bridge the gap between anatomy in the abstract, and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected when necessary to bring out outlines and relations of structures.

Didactic Lectures. Two hours a week for one semester, augmented by demonstrations with specimens, charts, and cross section. Dr. Holland.

Laboratory. Twelve hours a week for 8 weeks. Dr. Hanna, assisted by Dr. Johnson.

Principles of Surgery. This course includes history-taking, records of physcial examinations and of operations and progress notes; the preparation of surgical dressings, suture materials and solutions. It includes inflammation, infections, ulcers, gangrene, fistulae and sinuses, hemorrhage, shock and tumors; the use of splints, bed frames, bone plates, bone grafts, etc., local anaesthesia and the preparation of patients for operations. Lectures and conferences. Two hours per week for one semester to the entire class. Dr. Edwards.

Third Year

General and Regional Surgery. Principles of surgery and general surgery, three hours a week throughout the year to the entire class, lectures, recitations and clinics. Drs. Shipley and Wise.

The class is divided into groups and receives instruction in history-taking, gross pathology, and surgical diagnosis—at the bedside and in the dead-house of the Baltimore City Hospitals. Drs. Shipley, Lynn, Reifschneider and Hanrahan.

Operative Surgery. Instruction is given in operative surgery upon the cadaver and on dogs. The class is divided into sections, and each section is given practical and individual work under the supervision of the instructors. Dr. Lynn, assisted by Drs. Winslow, Hayward, E. S. Johnson, Foster, Geraghty, Demarco, Horine, Pessagno, Onnen, W. R. Johnson Steinmueller, Sigrist, Culver and R. W. Johnson.

FRACTURES AND DISLOCATIONS. This course consists of instruction in the various forms of fractures, dislocations and their treatment. There is a regular schedule of didactic lectures, which is supplemented by practical demonstrations in diagnosis and treatment. This practical work is given at the Mercy, University and Baltimore City Hospitals. Drs. Lynn and Jennings.

SURGICAL DISPENSARY. Under supervision, the student takes the history, makes the physical examinations, attempts the diagnosis, and, as far as possible, carries out the treatment of the ambulatory surgical cases in the University and in the Mercy Hospitals. Mercy Hospital—Drs. Dwight Mohr, Ridgely, Touhey, Bongardt and McElwain. University Hospital—Drs. Holland, Lynn, Winslow, Edwards, E. S. Johnson and Foster.

Fourth Year

CLINICS. A weekly clinic will be given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Dr. McGlannan. University Hospital—Dr. Shipley.

SURGICAL PATHOLOGY. A weekly exercise of one hour at Mercy Hospital for one semester, at which specimens from the operating-room and museum are studied in the gross and microscopically, in relation with the case history. Dr. McGlannan.

INDUSTRIAL SURGERY. Operative and post-operative treatment of accident cases, with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. Edmunds.

CLINICAL CLERKSHIP. The personal study of assigned hospital patients, under supervision of the staffs of University and of Mercy Hospitals, history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

WARD CLASSES. Ward class instruction in small groups will consist of ward rounds; surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. McGlannan, Wise, Elliot Hutchins, Evans and Jennings. University Hospital—Drs. Shipley, Holland, Edmunds, Lynn and Edwards.

ANAESTHESIA

Second Year

Lectures on history of anaesthesia: Ancient and Modern. General physiology of anaesthesia. Special physiology of each anaesthetic agent. Different methods for producing general anaesthesia, with a detailed description of each. The selection of the anaesthetic and method best suited for its administration in particular cases. Difficulties and accidents during and following anaesthesia, their causes, prevention and control. Different methods of resuscitation. Blood pressure: Its significance and bearing on selection of the anaesthetic and use as a guide during anaesthesia.

Eight hours to the entire class. Drs. S. Griffith Davis and W. G. Queen.

Fourth Year

During the clinics and operations before small groups, each student will be required to observe the administration of anaesthetics and to keep a chart recording blood pressure, pulse and respiration under the direction of an instructor.

DERMATOLOGY

Melvin Rosenthal, M.D.	Professor of Dermatology
Harry M. Robinson, M.D.	Associate Professor of Dermatology
John R. Abercrombie, A.B., M.D.	Associate in Dermatology
Francis Ellis, A.B., M.D.	Instructor in Dermatology
A. C. Monninger, M.D.	Assistant in Dermatology
M. H. Goodman, A.B., M.D	Assistant in Dermatology

Clinical conferences one hour each week to entire class. This course will consist of demonstrations of the common diseases of the skin.

Dispensary instruction, University Hospital, Mondays, Wednesdays and Fridays in the diagnosis and treatment of the common skin diseases. Drs. Abercrombie, Robinson and Gately. Dispensary instruction, Mercy Hospital. Dr. Rosenthal.

ORTHOPAEDIC SURGERY

Robert W. Johnson, Jr., A.B., M.D.	Professor of Orthopaedic Surgery
Albertus Cotton, A.M., M.D.	Professor of Orthopaedic Surgery
Compton Riely, M.D.	Clinical Professor of Orthopaedic Surgery

Harry L. Rogers, M.D.	Associate in Orthopaedic Surgery
Clement R. Monroe, M.D.	Instructor in Orthopaedic Surgery
W. A. Simpson, A.B., M.D.	Instructor in Orthopaedic Surgery
Clifford Lee Wilmoth, B.S., M.D.	Instructor in Orthopaedic Surgery
Moses Gellman, M.D.	Instructor in Orthopaedic Surgery
Raymond Lenhard, A.B., M.D.	Associate in Orthopaedic Surgery
I. H. Maseritz, M.D.	Assistant in Orthopaedic Surgery

In this course didactic, clinical, bedside and out-patient instruction will be given. This instruction is provided in the University Hospital Amphitheatre, Mercy Hospital and Dispensary and Kernan Hospital and Industrial School for Crippled Children at "Radnor Park" and in the Dispensary of the University Hospital.

Lectures or clinics will be held at each of the hospitals named in town once a week. In addition, a weekly bedside clinic will be held for small sections of the class at "Radnor Park" and Mercy Hospital. Daily teaching in the Dispensary will be stressed.
nation, pathology, diagnosis and treatment in this specialty.

The course will cover instruction in the special methods of examination, pathology, diagnosis and treatment in this specialty.

A brief outline and demonstration will also be given of the apparatus employed in Physiotherapy, Muscle Training and Corrective Gymnastics.

ROENTGENOLOGY

Henry J. Walton, M.D.	Professor of Roentgenology
Albertus Cotton, M.D.	Professor of Roentgenology
Eugene L. Flippin, M.D.	Instructor in Roentgenology

An effort is made to familiarize the student with the appearance of normal Roentgenograms, after which instruction is given in the interpretation of the more common pathological lesions seen on the X-ray films and fluroscopic screen. The history, physics and prac-

tical application of Roentgen Rays are alluded to, but not stressed. Weekly demonstrations are given to sections of the fourth year class.

DIATHERMY AND RADIUM THERAPY

Charles Reid Edwards, M.D.,

Clinical Professor of Surgery

Students are taken in groups and are taught the indications for the use of radium in the treatment of malignant and non-malignant conditions. The course also includes the use of diathermy in the treatment of disease.

DISEASES OF THE THROAT AND NOSE

Edward A. Looper, M. D.	Professor of Diseases of the Throat and Nose
W. F. Zinn, M.D.	Clinical Professor of Diseases of the Throat and Nose
Franklin B. Anderson, M.D.	Associate in Diseases of the Throat and Nose
R. F. McKenzie, M.D.	Instructor in Diseases of the Throat and Nose

Third Year. Instruction to entire class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures are illustrated by lantern slides. Dr. Looper.

Fourth Year. Dispensary instruction daily to small sections at the University and the Mercy Hospitals. The student is given opportunity to study, diagnose and treat practical cases under an instructor. Ward classes and clinical demonstrations are given one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

GENITO-URINARY DISEASES

W. H. Toulson, A.B., M.Sc., M.D.,	Associate Professor of Genito-Urinary Diseases
A. J. Gillis, M.D.	Associate Professor of Genito-Urinary Diseases
Harris Goldman, M.D	Associate in Genito-Urinary Diseases
Austin H. Wood, M.D.	Associate in Genito-Urinary Diseases
L. K. Fargo, M.D.	Instructor in Genito-Urinary Diseases
L. J. Millan, M.D.,	Instructor in Genito-Urinary Diseases
K. D. Legge, M.D.	Instructor in Genito-Urinary Diseases
H. C. Knapp, M.D.	Assistant in Genito-Urinary Diseases

H. T. Collenberg, M.D.................Assistant in Genito-Urinary Diseases
J. H. Collison, M.D...................Assistant in Genito-Urinary Diseases
William Emrich, M.D................Assistant in Genito-Urinary Diseases

Third Year. Eight hours to the entire class. This course is a didactic one in the principles of Genito-Urinary Surgery. Dr. Toulson.

Fourth Year. The course includes urethroscopy, cystoscopy, ureter catheterization, renal functional tests, urography, urine cultures, etc. The teaching consists of clinics in the amphitheater, ward rounds, and attendance by members of the Senior class upon outpatients in the dispensary. The dispensary classes are carried on both at the Mercy and the University Hospital dispensaries. In the latter institution the Maryland State Department of Health conducts a venereal-disease clinic, in which 20,133 visits were paid last year. Every variety of venereal disease is here encountered, and this rich wealth of material is available for teaching purposes. In addition to this, a cystoscopic clinic is conducted in another part of the dispensary, where the students are given practical instruction in the modern diagnostic methods.

DISEASES OF THE COLON AND RECTUM

G. Milton Linthicum, A.M., M.D.,
Professor of Diseases of Rectum and Colon
Charles F. Blake, M.D.......Professor of Diseases of Rectum and Colon
J. Dawson Reeder, M.D.,
Associate Professor of Diseases of Rectum and Colon
L. J. Rosenthal, M.D.,
Associate Professor of Diseases of Rectum and Colon
Monte Edwards, M.D...........Associate in Diseases of Rectum and Colon

Third Year. Six hours to the entire class. This course is for instruction in the diseases of the colon, sigmoid flexture, rectum and anus, and will cover the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Linthicum.

The class is divided into sections for clinical instruction in the Baltimore City Hospitals. Dr. Linthicum.

Fourth Year. Ward and Dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope and examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Blake and Rosenthal. University Hospital—Drs. Linthicum and Reeder.

BRONCHOSCOPY AND ESOPHAGOSCOPY

Waitman F. Zinn, M.D.

Clinical Professor of Diseases of Throat and Nose

Clinical Lectures and Demonstrations once weekly at University and Mercy Hospitals.

Etiology, symptomatology, diagnosis and prophylaxis of foreign bodies in the air and food passages. Bronchoscopy as an aid in the diagnosis and treatment of diseases of the lungs. Bronchoscopy as an aid to the surgeon. Diseases of the trachea. Diseases of the esophagus. All the phases of these subjects that the general practitioner should know are demonstrated clinically.

OTOLOGY

J. W. Downey, M.D., Professor of Otology.

The course in Otology is planned to teach a practical knowledge of the anatomy and physiology of the ear, its proximity and relationship to the brain and other vital structures. The inflamatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology.

Third Year. The entire class is given instruction by means of talks, anatomical specimens and lantern slides.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery.

DEPARTMENT OF OBSTETRICS

J. M. H. Rowland, M.D.	Professor of Obstetrics
L. H. Douglass, M.D.	Professor of Clinical Obstetrics
Charles E. Brack, M.D.	Clinical Professor of Obstetrics
J. McF. Bergland, M.D.	Associate Professor of Obstetrics
E. P. Smith, M.D.	Associate in Obstetrics
Emil Novak, M.D.	Associate in Obstetrics
J. G. M. Reese, M.D.	Associate in Obstetrics
M. A. Novey, A.B., M.D.	Associate in Obstetrics
J. G. Murray, Jr., A.B., M.D.	Associate in Obstetrics
J. J. Erwin, M.D.	Instructor in Obstetrics
Isadore A. Siegel, A.B., M.D.	Instructor in Obstetrics
Maurice Shamer, M.D.	Assistant in Obstetrics

Third Year. Three lectures and recitations each week by Drs. Bergland, Novak, Murray, Douglass and Rowland to entire class. Manikin Work, Drs. Brack, Smith and Erwin to sections of class at Mercy Hospital, and Drs. Douglass, Reese, Novey, Siegel and Rowland at University Hospital.

Fourth Year. Clinical Conference. One hour each week. Drs. Rowland, Douglass and Murray.

Ward Classes. Six hours per week for five weeks to sections of class at University Hospital. Drs. Douglass, Reese, Novey and Rowland.

Each member of the Senior class is required to deliver twelve women in their homes under supervision of the teaching and resident staff.

DEPARTMENT OF GYNECOLOGY

William S. Gardner, M.D.	Professor of Gynecology
Hugh Brent, M.D.	Associate Professor of Gynecology
Abraham Samuels, M.D.	Associate Professor of Gynecology
George A. Strauss, M.D.	Associate in Gynecology
R. G. Willse, M.D.	Associate in Gynecology
T. K. Galvin, M.D.	Associate in Gynecology
J. M. Hundley, Jr., M.D.	Associate in Gynecology
Leo Brady, M.D.	Associate in Gynecology

Third Year. Didactic Work. A course of thirty lectures and recitations.

Clinical Work. Six hours weekly for one trimester. In this course the student writes the clinical history of each patient in the ward, makes a general physical examination, including the blood and urine, before the patient is brought before the class. One student under supervision gives the anaesthetic, a pelvic examination is made by six students, and any operation required is then done before a section of the class small enough to see clearly what is being done and how it is done. On a subsequent day the whole group examines, microscopically, sections prepared from material removed from patients that have been before them.

DEPARTMENT OF OPHTHALMOLOGY

Clyde A. Clapp, M.D.	Professor of Ophthalmology
M Randolph Kahn, M.D.	Clinical Professor of Ophthalmology
H. K. Fleck, M.D.	Associate Professor of Ophthalmology
Joseph I. Kemler, M.D.	Associate in Ophthalmology
Henry F. Graff, A.B., M.D.	Assistant in Ophthalomolgy
A. Lloyd MacLean, M.D., C.M.	Assistant in Ophthalmology

Third Year. First semester, Course in Diseases of the Eye. Dr. Randolph Kahn.

Practical Course in Ophthalmoscopy, once weekly, in sections.

Fourth Year. Clinics in Diseases of the Eye, weekly, for one-half year. Dr. Clapp.

Dispensary Instruction, daily to small sections. Drs. Kahn, Fleck, Kemler, Graff and MacLean.

The course in Ophthalmology is designed to familiarize the students with the common diseases of the eye, their recognition and treatment, with a view to meet the needs of the general practitioner. Special emphasis is laid upon the relation between diseases of the eye and systemic diseases and diseases of other organs.

THE HISTORY OF MEDICINE

John Rathbone Oliver, A.B., M.D., Ph.D.

Professor of the History of Medicine

During the past year the lectures have been entirely devoted to the History of Medicine in the Eighteenth Century. Ten lectures in all were given. The first five were devoted to a general survey of Eighteenth Century medicine beginning with a description of the historical background of the period. The five remaining lectures were devoted to outstanding personalities in the Eighteenth Century such as the Hunters, Jenner, Auenbrugger, Lettson, Meade. Thanks to the cooperation of the official photographer to the Medical Museum in Washington and to the photographic department of our own medical school the lectures were illustrated with long series of slides. Next year it is proposed to devote the entire time to the Nineteenth Century. After that the four years' circle of lectures will begin over again with early medicine, Egyptian, Assyrian, Greek and Roman.

FIRST YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 30, 1929, TO FEBRUARY 1, 1930

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	Laboratory Histology and Embryology	Laboratory Histology and Embryology		Laboratory Histology and Embryology	Laboratory Histology and Embryology	Laboratory Anatomy
12.00 to 1.00	Lunch	Lunch		Lunch	Lunch	
1.00 to 2.00	Anatomy C. H. & A. H.	Anatomy A. H.	Anatomy A. H.	Anatomy C. H. & A. H.	Anatomy C. H.	
2.00 to 5.00	Laboratory Anatomy	Laboratory Anatomy	Laboratory Anatomy	Laboratory Anatomy	Laboratory Anatomy	

SECOND SEMESTER, FEBRUARY 3, TO MARCH 29, 1930

9.00 to 12.00	Laboratory Anatomy (Feb. 3–Mar. 1)	Laboratory Anatomy (Feb. 3–Mar. 1)	(11.30–12.30) Biological Chemistry A. H.	Laboratory Biological Chemistry Section A	Laboratory Biological Chemistry Section B	Laboratory Anatomy (Feb. 3–Mar. 1)
12.00 to 1.00	Biological Chemistry C. H.	Biological Chemistry C. H.	(12.30–1.00) Lunch	Biological Chemistry C. H.	Biological Chemistry C. H.	
1.00 to 2.00	Lunch	Lunch	Biological Chemistry C. H.	Lunch	Lunch	
(Feb. 3–Mar. 1) 2.00–3.00 and 3.00–5.00	Anatomy A. H. & C. H. Laboratory Anatomy	Anatomy A. H. Laboratory Anatomy	Anatomy A. H. Laboratory Anatomy	Laboratory Biological Chemistry Section B	Laboratory Biological Chemistry Section A	
(Mar. 3 to 29) 2.00 to 5.00	Neural Anatomy					

SECOND SEMESTER, MARCH 31, TO MAY 24, 1930

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 11.00				Laboratory Biological Chemistry Section A Physiology Section B	Laboratory Biological Chemistry Section B Physiology Section A	
11.00 to 12.00	Physiology C. H.	Physiology C. H.	(11.30–12.30) Biological Chemistry A. H.			
12.00 to 1.00	Biological Chemistry C. H.	Biological Chemistry C. H.	(12.30–1.00) Lunch	Biological Chemistry C. H.	Biological Chemistry C. H.	
1.00 to 2.00	Lunch	Lunch	Biological Chemistry C. H.	Lunch	Lunch	
2.00 to 3.00	Laboratory Biological Chemistry Section A	Laboratory Biological Chemistry Section B	Physiology C. H.	Laboratory Biological Chemistry Section B	Laboratory Biological Chemistry Section A	
3.00 to 4.00			Physiology C. H.			
4.00 to 5.00	Physiology Section B	Physiology Section A		Physiology Section A	Physiology Section B	

LOCATIONS OF LECTURE HALLS AND LABORATORIES:

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, N. E. Cor. Lombard and Greene Streets.
Anatomy Laboratory—Third Floor, Gray Laboratory, Lombard and Greene Streets.
Biological Chemistry Laboratory—Third Floor, Dental Building, Lombard and Greene Streets.
Histology and Embryology Laboratory—32-34 S. Paca Street, Sixth Floor.
Neural Anatomy Laboratory, 32-34 S. Paca Street, Sixth Floor.

SECOND YEAR SCHEDULE

FIRST SEMESTER, SESSION 1929-1930

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9.00 to 10.00	*Physiology A. H.	Physiology A. H.	Physiology A. H.	Laboratory Physiology Section A Pharmacology Section B	Laboratory Physiology Section B Pharmacology Section A	No Classes Scheduled
10.00 to 11.00	Pharmacology A. H.	Pharmacology A. H.	Pharmacology A. H.			
11.00 to 12.00	Pathology A. H.	Pathology A. H.	Bacteriology A. H.			
12.00 to 12.30 P. M.	Lunch	Lunch	(12–1 P. M.) Lunch	Lunch	(12–1 P. M.) Lunch	
12.30 to 1.30	Laboratory Bacteriology	Laboratory Bacteriology	(1–2 P. M.) Medicine A. H.	Laboratory Bacteriology	(1–2 P. M.) Physiology A. H.	
1.30 to 2.30			(2–4 P. M.) Laboratory Bacteriology		(2–4 P. M.) Physical Diagnosis Univ. Hosp. Disp.	
2.30 to 5.30	Laboratory Physiology Section A Pharmacology Section B	Laboratory Physiology Section B Pharmacology Section A		(2.30–3.30 P. M.) Physiology A. H.		

SECOND SEMESTER, SESSION 1929-1930

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30		Surgery A. H.	Immunology A. H.	Laboratory Pharmacology Section B	Laboratory Pharmacology Section A	
9.30 to 10.30	Pharmacology A. H.	Pharmacology A. H.	Pharmacology A. H.			(Feb. 8–Mar. 1) (10–11) Surgical Anatomy A. H.
10.30 to 11.30	Pathology A. H.	Pathology A. H.	Surgical Anatomy A. H.			
11.30 to 12.00	Lunch	Lunch	Lunch	Lunch	Lunch	(11–12) Surgery C. H.
P. M. 12.00 to 2.00	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	(12–1) Medical Clinic Amp.
2.00 to 3.00	(Mar. 3– May 24 Surgical Anatomy A. H.	Laboratory Immunology	Laboratory Immunology	(Mar. 10– May 24) Laboratory Surgical Anatomy	(Mar. 10– May 24) Laboratory Surgical Anatomy	
3.00 to 5.00	(Mar 10– May 24) Laboratory Surgical Anatomy					

LOCATIONS OF LECTURE HALLS AND LABORATORIES:

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.

Laboratories:

Bacteriology—Sixth Floor, 32-34 S. Paca Street.
Immunology—Sixth Floor, 32-34 S. Paca Street.
Pathology—Third Floor, Dental Building, Lombard and Greene Streets.
Pharmacology—Second Floor, Gray Laboratory, Lombard and Greene Streets.
Physiology—First Floor, Gray Laboratory, Lombard and Greene Streets.
Surgical Anatomy—Third Floor, Gray Laboratory, Lomard and Greene Streets.
Amp.—Amphitheatre, University Hospital, Lombard and Greene Streets.
Univ. Hospital. Disp.—Dispensary, University Hospital, Lombard and Greene Streets.
*Physiology Course Terminates January 26, 1930.

THIRD YEAR SCHEDULE

SESSION 1929-1930

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Therapeutics C. H.	Pathology C. H.	Medicine C. H.	Surgery C. H.	Pathology C. H.	Surgery C. H.
9.30 to 10.30	Obstetrics C. H.	Surgery C. H.	Obstetrics C. H.	Medicine C. H.	Medicine C. H.	Therapeutics C. H.
10.30 to 1 P. M.	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch
1 to 2	Medical Clinic Amp.	Surgery C. H.	Neurology P. & S. 34	Gynecology P. & S. 34	(1.15 to 4.15) Clinical Pathology Laboratory 32–34 S. Paca St. 6th Floor	Transfer
2.15 to 3.15	Pathology Laboratory	Pathology Laboratory	(2.30–4.30) Section A Clinical Medicine Surgery Gross Pathology at Bay View	(2–3) Clinical Pathology P. & S. 34		(2–4) Section B Clinical Medicine Surgery Gross Pathology at Bay View
3.15 to 4 15				(3–4) Eye and Ear P. & S. 34		
4.15 to 5.15	Pediatrics A. H.	Obstetrics C. H.	(2.45–4.15) Section B Group Work Ophthalmoscopy Practical Obstetrics Univ. Hosp.	Preventive Medicine Legal Medicine Mental Hygiene P. & S. 34	Preventive Medicine C. H.	

From 10.30 A. M. to 1.00 P. M. the class is divided into two sections, one section reporting at Calvert and Saratoga Streets, the other at Lombard and Greene Streets.
C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital, S. W. Cor. Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

At the beginning of the second semester Section "A" at Baltimore City Hospital on Saturdays, 2-4 P. M., and University Hospital on Wednesdays, 2.15-4.15 P. M.; Section "B" at Baltimore City Hospital on Wednesdays, 2.30-4.30 P. M.

FOURTH YEAR SCHEDULE

SESSION 1929-1930

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9.00 to 11.00	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology
1.00 to 12.00	Orthopaedic Surgery Univ.Sec.Amp. P. & S. Sec. 51	Medical Clinic Univ.Sec.Amp. Surgical Pathology P. & S. Sec. 40	Clinical Pathological Conference Univ.Sec.C.H. P. & S. Sec. 34	Surgical Clinic Univ.Sec.Amp. P. & S. Sec. 51	Medical Clinic Univ.Sec Amp. P. & S. Sec. 34	Pediatrics Clinic Univ.Sec Amp. P. & S. Sec. 34
P. M. 12.00 to 2	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary
2.15 to 3.15	Dermatology Clinic (Full Class at Univ. Hosp.) Amp.	Neurology Clinic Univ.Sec.Amp. P. & S. Sec. 34	Eye and Ear Clinic (Full Class at Univ. Hosp.) Amp.	Obstetrical Clinic (Full Class at Univ. Hosp.) Amp.	Gastro-Enterology Clinic (Full Class at Univ. Hosp.) Amp.	Genito-Urinary Clinic P. & S. Sec. 51
3.30 to 5.00	P. & S. Sec. Ward Classes Medicine Urology Eye and Ear	Ward Classes Therapeutics Proctology Radiotheraphy	P. & S. Sec. Ward Classes Medicine Roentgenology Preventive Medicine	Ward Classes Medicine Nose & Throat Physical Therapeutics	Ward Classes Neurology Psychiatry U. H. Orthopaedic Surgery Kernan Hospital	
3.30 to 5.00	Univ. Sec. Ward Classes Medicine Urology		Univ. Sec. Ward Classes Medicine Roentgenology Eye and Ear	(5 to 6 P.M.) March, April and May History of Medicine C. H.		

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets, for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

FIRST SEMESTER	SECOND SEMESTER
1st period, Oct. 7—Nov. 9.	1st period, Feb. 3—Mar. 8.
2nd period, Nov. 11—Dec. 14.	2nd period, March 10—April 12.
3rd period, Dec. 16—Feb. 1.	3rd period, April 14—May 17.

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital.
P. & S., 34—Second Floor, Calvert and Saratoga Streets.
P. & S., 40, 51—Fourth Floor, Calvert and Saratoga Streets.

REQUIREMENTS FOR MATRICULATION

Admission to the course in medicine is by a completed Medical Student Certificate issued by the Registrar of the University of Maryland. This certificate is obtained from the Registrar on the basis of satisfactory educational credentials, and is essential for admission to any class.

The minimum requirements for the issuance of the Medical Student Certificate are:

(a) The completion of a standard four-year high school course or the equivalent, and, in addition, at least

(b) Two years or sixty semester hours of college credits, including chemistry, biology, physics and English.

Women are admitted to the School of Medicine of this University.

(A) HIGH SCHOOL REQUIREMENTS

Graduation from an accredited high or preparatory school, after pursuing a four-year course based upon an eight-year elementary course, or its full equivalent as demonstrated by entrance examinations.

At least fifteen units must be offered.‡

SCHEDULE OF SUBJECTS REQUIRED OR ACCEPTED FOR ENTRANCE TO THE PREMEDICAL COLLEGE COURSE

Subjects	Units*	Required
Group I, English—(I—II—III—IV)—		
Literature and Composition	3	3
Group II, Foreign Languages—		
Latin	2–4	2†
Greek	2–3	
French or German	2–4	
Other foreign languages	2–4	
Group III, Mathematics—		
Elementary algebra	1	1
Advanced geometry	½–1	..
Plane geometry	1	1
Solid geometry	½	..
Trigonometry	½	..

Group IV, History and Economics—		
Ancient history	1	1
Medieval and modern history	1	
English history	1	
American history	½–1	
Civil government	½–1	
Economics	½–1	
Group V, Science—		
Botany	½–1	1
Zoology	½–1	
Chemistry	1	
Physics	1	
Physiography	½–1	
Physiology	½–1	
Astronomy	½	
Geology	½–1	
Group VI, Miscellaneous—		
Vocational—including agriculture, commercial, home economics, industrial, etc.	1–4	

*A unit is the credit value of at least thirty-six weeks' work of four or five recitation periods per week, each recitation period to be not less than forty minutes. In other words, a unit represents a year's study in any subject in a secondary school constituting approximately a quarter of a full year's work. A satisfactory year's work in any subject cannot be accomplished under ordinary circumstances in less than 120 sixty-minute hours, or their equivalent.

†Both of the required units of foreign language must be of the same language, but the two units may be presented in any one of the languages specified.

‡Of the fifteen units of high school work, nine units are required, as indicated in the foregoing schedule; the remainder may be made up from any of the other subjects in the schedule, provided that at least eleven units must be offered in Groups I-V.

(B) DETAILS OF THE COLLEGE REQUIREMENT

a. The preliminary college course shall extend through two college sessions of at least thirty-two weeks each of actual instruction, including final examinations.

b. In excellence of teaching and in content, the work of this preliminary college course shall be equal to the work done in the freshman and sophomore years in standard colleges and universities.

c. This preliminary college course shall include courses in physics, chemistry, biology and English, each course to embrace at least six, eight or twelve hours of work in each subject, as shown in the schedule following:

SCHEDULE OF SUBJECTS OF THE TWO-YEAR PREMEDICAL COLLEGE COURSE

Sixty Semester Hours Required

REQUIRED COURSES:	*Semester Hours*
Chemistry (a)	12
Physics (b)	8
Biology (c)	8
English Composition and Literature (d)	6

COURSES STRONGLY URGED:
- A modern foreign language
- Comparative vertebrate anatomy
- Psychology
- Social science

Beginning with the session of 1930-31 one year (6 semester hours) of a modern foreign language will be required.

A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be of not less than fifty minutes' duration net, at least, two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

(a) CHEMISTRY. Twelve semester hours required of which at least eight semester hours must be in general inorganic chemistry, including four semester hours of laboratory work, and four semester hours in organic chemistry, including two semester hours of laboratory work. In the interpretation of this rule, work in qualitative analysis may be counted as general inorganic chemistry.

(b) PHYSICS. Eight semester hours required, of which at least two must be laboratory work. This course presupposes a knowledge of plane trigonometry.

(c) BIOLOGY. Eight semester hours required, of which four must be laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology, or by courses of four semester hours each in zoology and botany, but not by botany alone.

(d) ENGLISH COMPOSITION AND LITERATURE. The usual introductory college course of six semester hours, or its equivalent, is required.

COMBINED COURSE IN ARTS AND MEDICINE

A combined seven years' curriculum if offered, leading to the degrees of Bachelor of Science and Doctor of Medicine. The first three years are taken in residence at College Park, and the last four years in Baltimore, at the School of Medicine. The premedical curriculum constitutes the first two years' work, and the third year follows a general outline of prescribed and elective courses approved by the chairman of the premedical committee and the dean of the College of Arts and Sciences.

Upon the successful completion of the first year in the School of Medicine, and upon the recommendation of the dean, the degree of Bachelor of Science may be conferred by the College of Arts and Sciences at College Park.

Students are urged to consider carefully the advantages this combination course offers over the minimum requirements of the two years. By completing three years the training may be gradually broadened by a wider latitude in the election of courses in the arts subjects.

POST-GRADUATE STUDENTS

Graduates in medicine desiring to take the work of the senior year without being candidates for the degree, and, therefore, without examination, may receive a certificate of attendance on completing the full course satisfactorily.

The requirements for graduates in medicine admitted to the fourth-year class as candidates for the degree of Doctor of Medicine are the same as those enforced against undergraduates admitted to advanced standing.

Summer Post-Graduate Courses—In the April number of the Bulletin detailed announcement will be made of the Post-Graduate Summer Courses.

RULES

1. All students are required to take the spring examinations unless excused by the Dean. No student will be permitted to advance from a lower to a higher class with conditions.

2. Should a student be required to repeat any year in the course, he must pay regular fees.

3. A student failing in final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and to take examination in such other branches as may be required should he again be permitted to enter the school as a candidate for graduation.

4. The general fitness of a candidate for graduation will be taken into consideration by the Faculty as well as the results of his examination.

5. All students entering the School of Medicine of the University of Maryland are required to provide themselves with microscopes of a satisfactory type.

A standard microscope of either Bausch & Lomb, Leitz, Spencer Lens or Zeiss make, fitted with the following attachments, will fill the requirements:

Triple nose piece	10 x and 5 x Oculars
Wide aperture stage	16mm. and 4mm. Objectives
Quick Screw condenser (Abbe)	1.9mm. 1.25 N.A. Oil Immersion Lens

All the above rules, as well as the fees stated below, relate to the year ending June 7th, 1930 only. The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the Faculty deem it expedient.

FEES

Matriculation fee (paid once)	$10.00
Tuition fee (each year) for residents of Maryland	300.00
Tuition fee (each year) for non-residents	450.00
Laboratory fee (each year)	25.00
Special and re-examination fee	5.00
Graduation fee	15.00

No fees are returnable.

The above fees apply to all students who matriculate in this institution in any class for the session beginning September 30, 1929.

All students, after proper certification, are required to register at the Registrar's Office. The last date of registration is October 7th, 1929.

Matriculation, laboratory and tuition fees for the first semester shall be paid at the time of registration, and for the second semester on or before February 3rd, 1930.

Failure to meet these conditions will automatically debar the student from attendance on classes and other privileges of the University.

Students who fail to pay the tuition and other fees on or before the last day of registration for each term or semester, as stated in the catalogue, will be required to pay as an addition to the fees required the sum of Five ($5.00) Dollars, and if the payment so required shall not be paid before twenty (20) days from the beginning of said term of semester, the student's name shall be stricken from the rolls.

When offering checks in payment of tuition and other fees, students are requested to have same drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection.

Students who are minors are considered to be resident students, if at the time of their registration their parents or guardians have been residents of this State for at least one year.

Adult students are considered to be resident students, if at the time of their first registration they have been residents of this State for at least one year.

The status of the residence of a student is determined at the time of his first registration in the University, and may not thereafter be changed by him unless, in the case of a minor, his parents or guardians move to and become legal residents of this State.

PRIZES AND SCHOLARSHIPS

FACULTY PRIZE

To stimulate study among the candidates for graduation, the Faculty offers a Gold Medal to the candidate who secures the highest average during the four years of his course. Certificates of Honor are awarded to the five candidates standing next highest.

DR. JOSE L. HIRSH MEMORIAL PRIZE

A prize of $50.00 is given each year by Mrs. David Myers as a memorial to the late Dr. Jose L. Hirsh, formerly Professor of

Pathology in this School, to the student in the third year who has done the most satisfactory work in Pathology during his second and third years.

DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of $25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in Genito-Urinary Surgery.

SCHOLARSHIPS

The Dr. Samuel Leon Frank Scholarship

(Value $125.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this University.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Medical Council "to a medical student of the University of Maryland, who in the judgment of said Faculty, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school, and no student may hold such scholarship for more than two years.

The Charles M. Hitchcock Scholarships

(Value $125.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the University.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University upon nomination by the Medical Council to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Faculty satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

The Randolph Winslow Scholarship

(Value $125.00)

This scholarship was established by Prof. Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Medical Council, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Medical Council that he is worthy of and in need of assistance."

The Dr. Leo Karlinsky Scholarship

(Value, $200.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of this University.

The scholarship is awarded to a second-year student who at the end of the first year passes the best examination in Anatomy, Histology, Embryology, Physiology and Biological Chemistry.

The University Scholarships

Two scholarships are awarded by the University. One to a student of the College of Arts and Sciences appointed by the President, to be held for only one year; the other, which entitles the holder to exemption from payment of the tuition fee of the year, is awarded annually by the Medical Council to a student of the Senior Class who presents to the Medical Council satisfactory evidence that he is of good moral character and is worthy of and in need of assistance to complete the course.

Frederica Gehrmann Scholarship

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and entitles the holder to exemption from payment of tuition fees. The scholarship is awarded to a third-year student who at the end of the second year passes the best practical examination in Anatomy, Physiology, Biological Chemistry, Pharmacology, Pathology, Immunology and Serology.

The Clarence and Genevra Warfield Scholarships

(Valuation, $300.00 each)

There are five scholarships established by the Regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships will be available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited or in a county selected by the Council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Council, the money advanced by the Regents shall be refunded.

Israel and Cecelia E. Cohen Scholarships

(Value, $250.00)

This scholarship was established by Miss Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions:

This scholarship will be available to students of any one of the classes of the course in Medicine; preference is given to students of the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the Council.

Daughters of Harmony Scholarship

(Value, $100.00)

This scholarship is given each year by the Daughters of Harmony as part payment of the tuition of a needy student of good character. He must be a member of the senior class and a bona fide resident of Baltimore He must be nominated by the Medical Council.

ANNUAL HOSPITAL APPOINTMENTS

On February 1st of each session the following annual appointments are made from among the graduates of the school:

TO THE UNIVERSITY HOSPITAL

Two Resident Surgeons
Two Resident Physicians
One Resident Gynecologist
Two Resident Obstetricians
Thirteen Junior Residents on a Rotating Service

A number of students are appointed each year, at the close of the session, as Clinical Assistants in the University Hospital for the summer months.

TO THE MERCY HOSPITAL

Chief Resident Physician
One Assistant Resident Physician
Chief Resident Surgeon
Five Assistant Resident Surgeons
One Resident Gynecologist
One Resident Obstetrician
Eight Junior Residents on a Rotating Service

NOTICE TO STUDENTS

The personal expenses of the students are at least as low in Baltimore as in any large city in the United States. The following estimates of a student's personal expenses for the academic year of eight months have been prepared by students, and are based upon actual experience:

Items	*Low*	*Average*	*Liberal*
Books	$50	$75	$100
College Incidentals	20	20	20
Board, eight months	200	250	275
Room rent	64	80	100
Clothing and laundry	50	80	150
All other expenses	25	50	75
Total	$409	$556	$720

Students will save time and expense upon their arrival in the city by going direct to the School of Medicine on the University grounds, N. E. Corner Lombard and Greene Streets, where the Secretary of Student Y. M. C. A., who may be found at his office on the premises, will furnish them with a list of comfortable and convenient boarding houses suitable to their means and wishes.

For further information, apply to

J. M. H. Rowland, M. D., *Dean,*

Lombard and Greene Streets.

MATRICULATES, UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS, 1928-1929

FOURTH YEAR CLASS

Ackerman, Jacob Harold, A.B., New York
Alessi, Silvio A., Ph.G.......Maryland
Amos, Hugh, B.S................Ohio
Anderson, Walter Anders, D.D.S., Ph.G. ....Maryland
Bardfeld, Benjamin B.....New Jersey
Barland, Samuel, Jr., B.S...New York
Bernhard, Robert...........New York
Birely, Morris Franklin, A.B., Maryland
Bongiorno, Henry Domenic, Ph.G., New Jersey
Botsch, Bernard, B.S............Ohio
Bowen, James Poore, B.S., South Carolina
Brahms, Max, B.S...........New York
Brauer, Selig Leo.........New Jersey
Calas, Andres Eladio...........Cuba
Chambers, Earl LeRoy......Maryland
Chapman, William Hardee...Maryland
Christian, William......Pennsylvania
Ciccone, Arnold William, Rhode Island
Clark, Francis Alden, B.S., West Virginia
Cohen, Herman...........New Jersey
Cohen, Paul Henry, A.B.....Maryland
Conn, Jacob Harry, A.B......Maryland
Corsello, Joseph Nicholas, B.S. New York
Dailey, William Paul...Pennsylvania
Daniels, Willard Floyd, B.S., West Virginia
DeBarbieri, Fred Louis, A.B., Pennsylvania
Draper, William Bateman...Maryland
Farbman, Meyer David, B.S..New York
Fargo, William Russell, A.B., Maryland
Fattel, Henry Charles, B.S., New Jersey
Feingold, Charles Rodin, B. S., New York
Feit, Emanuel, B.S.........New York
Fifer, Jesse Showalter, A.B., Delaware
Garber, Jacob S............New York
Givner, David, A.B..........Maryland
Gouldman, Edwin Foster, B.S., Virginia
Guiglia, Sascha Facchetti..New York
Haney, John James........New Jersey
Heck, Leroy Savin, B.S., Ph.G., Maryland
Helms, Samuel Thomas, B.S...Virginia
Holroyd, Frank Jackson, A.B., B.S., West Virginia
Horowitz, Morris, A.B...Massachusetts
Husted, Samuel Harley...New Jersey
Isern, Rafael Angel Vilar, B.S., Porto Rico
Jackson, Murray Elliot, B.S., New York
Jacobs, Abraham, B.S.......New York
Kelly, Clyde Ernest, A.B., Pennsylvania
Kendall, Benjamin Horton, A.B., North Carolina
Knight, Walter Phillips.Pennsylvania
Levi, Ernest, Ph.G..........Maryland
Levy, Walter Howard......New York
Lynn, Irving, B.S.........New Jersey
Lynn, John Galloway, 4th..Maryland
Matsumura, Junichi...........Hawaii
McAndrew, Joseph Theodore, West Virginia
McDowell, Roy Hendrix, A.B., North Carolina
McGowan, Joseph Francis, Pennsylvania
Meranski, Israel Peter, B.S., Connecticut
Morgan, Isaac Joseph, B.S. Pennsylvania
Murphy, John Edward...Pennsylvania
Neistadt, Isidore Irving, A.B., Maryland
Neuman, Finley Frederick, A.B...Ohio
Newman, Saul Charles, B.S., Connecticut
Nickman, Emanuel Harrison, New Jersey
Overton, Lewis Marvin, A.B., North Carolina
Penchansky, Samuel Joseph, B.S., New Jersey
Porterfield, Maurice Coleman, Maryland
Prager, Benjamin, B.S......New York
Reeder, Paul Arlington, B.S., West Virginia

FOURTH YEAR CLASS—Continued

Reilly, John Vincent.....New Jersey
Roberts, Eldred, B.S.........Maryland
Safer, Jake Victor............Florida
Safford, Henry Towne, Jr......Texas
Schreiber, Morris Bernard..New York
Schwartzbach, Saul, A.B., District of Columbia
Seibel, Jack, B.S...........New York
Sekerak, Raymond Andrew, Connecticut
Serra, Lawrence Mario, Ph.G., Maryland
Sikorsky, Albert Edward, A.B., Maryland
Silver, Mabel Irene, B.S....Maryland
Soifer, Albert Alexander, B.S., Maryland
Solomon, Milton, B.S.......New York
Speicher, Wilbur Glenn....Maryland
Spencer, Ernest............Maryland
Spurrier, Oliver Walter, A.B., Maryland
Staton, Leon Raphael, A.B., North Carolina
Stevenson, Charles Calvert....Utah
Sullivan, William Joseph, Rhode Island
Tannebaum, Morris, B.S.....New York
Taylor, Charles Vivian, A.B., Maryland
Ullrich, Henry Franz......Maryland
Vann, Homer King............Florida
Vestal, Tom Fletcher..North Carolina
Volenick, Lee Joseph......New York
Wallack, Charles Albert, B.S., New Jersey
Ward, Hugh Walter, A.B....Maryland
Waters, Zack James, B.S., North Carolina
Weiss, Aaron..............New York
Wilkerson, Albert Russell, Ph. G., Maryland
Yeager, George Herschel, B.S., Maryland
Yudkoff, William, B.S.....New Jersey

THIRD YEAR CLASS

Aronofsky, Milton Robert, Ph.B., Connecticut
Ashman, Harry, B.S........New York
Baumgardner, George Martin, A.B., Maryland
Baylus, Meyer Milby, Ph.G..Maryland
Belinkin, William, B.S.....New York
Benfer, Kenneth Louis, A.B..Maryland
Berkowitz, Rudolph, A.B....New York
Berry, Erwin Phifer..North Carolina
Blum, Joseph Sydney, Ph..G.Maryland
Bonner, Merle Dumont, North Carolina
Brown, Eugene Scott, B.S., West Virginia
Burns, John Howard, Jr., A.B., Maryland
Chance, Lester Thomas, B.S., North Carolina
Chenitz, William, B.S.....New Jersey
Cohen, Archie Robert, Ph.G., Maryland
Cohen, Irving Joseph, Ph.G..Maryland
Cohen, Max Hurston, Ph.G...Maryland
Coppola, Matthew Joseph, B.S., New York
Durrett, Clay Earle, B.S....Maryland
Dyar, Edna Gerrish, Ph.D., District of Columbia
Farinacci, Charles Joseph, A.B...Ohio
Faw, Wylie Melvin, Jr......Maryland
Feman, Jacob George, A.B....New York
Fiocco, Vincent James, B.S..New York
Fisher, Samuel...........New Jersey
Ford, John Leonard, B.S..Pennsylvania
Forrest, Daniel Efland, B.S., North Carolina
Garey, James Lyman, B.S..Pennsylvania
Garfinkel, Abraham, B.S....New York
Gerner, Harry Ezekiel, B.S.New Jersey
Gersten, Paul Francis......New York
Ginsberg, Leon, Ph.D........New York
Goldman, Lester Milton, B.S., New Jersey
Goldstein, Jacob Everett, B.S., New York
Goodman, Julius Henry, Ph.G., Maryland
Hamer, William Alexander, B.S., North Carolina
Harrell, Leon Jackson, B.S., North Carolina
Harsha, Gene Melford, B.S., West Virginia
Helms, John Chapman, B.S....Virginia
Hildenbrand, Emil John C., B.S., Maryland
Hill, George Delmas, B.S., West Virginia
Hornbaker, John Harlan, A.B., Maryland
Hudson, Rollin Carl, A.B....Maryland

THIRD YEAR CLASS—Continued

Jackson, Marshall Vaden, North Carolina
Johnson, Marius Pitkin, A.B., Connecticut
Keller, Frederick Doyle, B.S., West Virginia
Kleinman, Abraham Morris, B.S., New York
Kovarsky, Albert Elias, A.B., New Jersey
Kraemer, Samuel Harry, B.S., New Jersey
Kremen, Abraham, A.B.......Maryland
Kuhn, Esther Frances, A.B..Maryland
Levin, Morton Loeb, Ph.G...Maryland
Levy, Solomon, A.B..........Palestine
Lewis, Frank Russell,......Maryland
Mace, Vernie Emmett, B.S., West Virginia
Magovern, Thomas Francis..New Jersey
*Maloney, Leonard Eugene, B.S., West Virginia
Mansdorfer, George Bowers, B.S., Maryland
Miller, Benjamin Herman, A.B., Maryland
Miller. Isaac.............New Jersey
Miller, James Alton, A.B....Maryland
Montilla, Victor Jose......Porto Rico
Mortimer, Egbert Laird, Jr., A.B., Maryland
Moser, Charles Yarnall, B.S., West Virginia
Needle, Nathan E...........Maryland
Oliver, Robert Deleon, B.S., North Carolina
Oppenheim, Joseph Harry..New York
Owen, Duncan Shaw...North Carolina
Owens, Zack Doxey, B.S., North Carolina
Perlman, Robert, B.S.......New York
Reid, Francis Fielding, A.B., Maryland
Rineberg, Irving Edward, B.S., New Jersey
Romano, Nicholas Michael Pennsylvania
Rosenthal, Abner Herman, B.S., New York
Shill, Benjamin, A.B.......New Jersey
Shulman, Louis Robert.....Maryland
Smith, Joseph Jacob, A.B...Connecticut
Snoops, George John, Jr., A.B., Maryland
Snyder, Nathan, Ph.G........Maryland
Soltroff, Jack Gerson, B.S., Pennsylvania
Sperling, Nathaniel Mortimer, B.S., New York
Strickland, Horace Gilmore, B.S., North Carolina
Thompson, Carl Truman, B.S., A.B., West Virginia
Warman, Wilton Merle, A.B., B.S., West Virginia
Weinstein, Jack, B.S........New York
Werner, Aaron Seth........New York
Woolley, Alice Stone, B.S...New York
Young, Ralph Funk.........Maryland
Zeiger, Samuel, B.S..........New York

SECOND YEAR CLASS

Adalman, Philip, Ph.G.......Maryland
Allen, Howard Stanley...Pennsylvania
Andrew, David Holmes, A.B..Maryland
Baldwin, Kenneth Malison, Connecticut
Bamberger, Beatrice, A.B....Maryland
Barton, Paul Canfield, B.S.......Ohio
Baumgartner, Eugene Irving, A.B., Maryland
Berman, Henry Irving......Maryland
Brice, Arthur Talbott......Maryland
Brill, Bernard..............New York
Brill, John Leonard, A.B., Pennsylvania
Contract, Eli, A.B..........Maryland
Davis, Melvin Booth, B.S....Maryland
Dawson, William Maddren, B.S., New York
Donohue, Bernard Walker, A.B., Maryland
Drenga, Joseph Francis, A.B..Maryland
Eckstein, Harry, B.S........New York
Edel, John Wesley, B.S......Maryland
Eisenberg, David, B.S........New York
Ernest, Roy Cooper, A.B.........Ohio
Feldman, Samuel, A.M.......Maryland
Feuer, Arthur, B.S..........New York
Fitch, Wilmer Price.......New York
Foster, Ruth...........Massachusetts
Friedman, Joseph, B.S.......New York
Grossman, Isadore, A.B.......Maryland
Grove, Donald Birtner......Maryland

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*Did not complete the year.

SECOND YEAR CLASS—Continued

Gundry, Rachel Krebs, A.B. . Maryland
Helfrich, Raymond Frederick, A.B., Maryland
Hoffman, Reuben, A.B. . . . . . . Maryland
Hollander, Mark Buckner, A.B., Maryland
Hornbrook, Kent Maidlow, West Virginia
Jacobson, Samuel Maurice, Ph.G., Maryland
Jaklitsch, Frank Henry, B.S., New York
Jensen, Carl Dana F. . . . . . . Washington
Jett, Page Covington, A.B. . . . Maryland
Jones, Arthur Ford . . . . Maryland
Karger, Abraham, B.S. . . . . . . New York
Kaufman, Max, Ph.G. . . . . New York
Keefe, Walter Joseph, A.B., Connecticut
Kermisch, Albert, Ph.G., B.S., Maryland
Kilgus, John Frank . . . . . . Pennsylvania
Kohn, Walter . . . . Maryland
Krieger, Jerome Leon, A.B. . . Maryland
Lachman, Harry, B.S. . . . . Maryland
Lang, Abraham, B.S. . . . . New York
Langeluttig, Harry Vernon, A.B., Maryland
Lerner, Philip Frank, A.B. . . Maryland
Leshine, Sidney Starr, B.S., Connecticut
Levine, David Robert, B.S. . . New York
Lubin, Paul . . . . Maryland
Mahan, Edgar Wade, B.S. . Pennsylvania
Mankovich, Desiderius George, Pennsylvania
Martin, Thomas Adrian, Ph.G., Maryland
Masterson, John Francis . . New Jersey
Meyer, Leo Martin, A.M. . . . . New York
Moyers, Waldo Briggs, A.B., West Virginia
Murphy, Richard Lawrence, A.B., New Hampshire
Nocera, Francisco Paolo . . . Porto Rico
Palitz, Leo Solomon, A.M. . . New York
*Post, Charles Gordon, A.B., New York
Rehmeyer, Walter Owen, B.S., Pennsylvania
Rodriguez, Manuel . . . . Porto Rico
Rohm, Robert Franklin . . Pennsylvania
Rosenberg, Benjamin, B.S. . . . New York
Rosenthal, Henrietta Estelle, Ph.B., Maryland
Rozum, John Charles . . . . New York
Schimunek, Emmanuel Aloysius, A.B., Maryland
Seabold, William Merven . . . Maryland
Seidman, Herman Harold, B.S., New York
Shaw, Christopher Campbell, Ph.B., Maryland
Shelley, Harry Sandberg, B.S., Maryland
Shochat, Albert Joshua, B.S., New York
Siwinski, Arthur George, A.B., Maryland
Skovron, Michael, B.S. . . . Pennsylvania
Slate, Marvin Longworth, A.B., North Carolina
Slavcoff, Alexander, B.S. . Pennsylvania
Smith, Solomon, A.B. . . . . Maryland
Sprecher, Milford Harsh, B.S., Maryland
Sterling, Susanne . . . . Maryland
Stevens, Russell Alvin, A.B., Pennsylvania
Taylor, Robert Bruce . . . . Pennsylvania
Van Ormer, William Alfred, Pennsylvania
Warren, Edward William . . . New York
Wigderson, Henry, B.S. . . . . . New York
*Wojick, William Joseph, A.B., Maryland

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*Did not complete the year.

FIRST YEAR CLASS

Abrashkin, Mortimer Dick, B.S., Connecticut
Ahroon, Carl Richard, A.B. . Maryland
Alagia, Lucia Carmela...... Maryland
Ashman, Leon, B.S.......... Maryland
Beadenkopf, Anna Lucille, A.B., Maryland
*Belford, Joseph, Ph.G...... Maryland
Blum, Samuel Daniel, B.S... New York
Bell, Charles Raymond, B.S., Pennsylvania
Bell, James Russell..... Pennsylvania
Bercovitz, Nathan......... New York
Berger, Herbert............ New York
Bielinski, Leon Bernard.. Pennsylvania
Blum, Samubl Daniel, B.S... New York
Boger, William Jonas, A.B., North Carolina
Boggess, John Paul, A.B., West Virginia
Bogorad, Daniel Emil....... Maryland
Brown, William Edward.... California
Byer, Jacob, A.M........... New York
Cannon, Martin................. Ohio
Chimacoff, Hyman......... New Jersey
Clayman, David Stanford, Ph.G., Maryland
Cooney, Joseph William, A.B., Pennsylvania
Corriere, Josef, B.S...... Pennsylvania
Crecca, Anthony Daniel... New Jersey
Currie, Dwight McIver, A.B., North Carolina
Davis, Carroll Kalman..... New York
Davolos, Joseph John....... Delaware
Demarco, Salvatore Joseph, A.B., Maryland
Diamond, Joseph George... New Jersey
Dumler, John Charles...... Maryland
*Easterday, Carroll Edward Lee, Maryland
Eichert, Herbert, Ph.G...... Maryland
Eisenbrandt, William Henry, A.B., Maryland
*Elliott, Alice Winifred....... Ohio
Falk, Sigmund, A.B......... New York
Fein, Jack, B.S............. New York
Fishbein, Elliot, M.S...... New Jersey
Flom, Charles, Ph.G......... Maryland
France, Andrew Menaris, B.S., Maryland
Ganz, Samuel Evans, A.M.... New York
Geller, Samuel, B.S....... New Jersey
Gershenson, David Abraham, A.B., Maryland
Girouard, Fernand Louis... Connecticut
Gittleman, Solomon Ellman. New York
Glass, Albert Julius, Ph.G... Maryland
Gluckman, Albert Gerson, B.S., Delaware
Gorenberg, Harold, A.B.... New Jersey
Grollman, Ellis, Ph.G....... Maryland
Grosh, Joseph Walter, B.S., Pennsylvania
Halperin, David........... New Jersey
Hammell, Frank Mull..... New Jersey
Hanagan, John Joseph, B.S., New Hampshire
Hantman, Irvin, Ph.G........ Maryland
*Harrington, Peter Francis, Rhode Island
Harris, Jacob, A.B........... New York
Hecht, Manes Schever, A.B.. Maryland
Hendler, Hyman Bernard.... Maryland
Hull, Harry Clay.......... Maryland
Jacobson, Meyer William, A.B., Maryland
Jones, Grace Germania...... Maryland
Kaplan, Abraham Nathan, M.S., New York
Karfgin, Arthur........... Maryland
Katz, Abraham, B.S......... New York
Katz, Leonard.............. Maryland
Katzenstein, Lawrence, B.S.. Maryland
Keiser, Sylvan............. New York
Kimmel, Charles.......... New Jersey
Kingsley, Alton Mason... Pennsylvania
Klimes, Louis Frank........ Maryland
*Klingensmith, Frederick Chester, Pennsylvania
Korostoff, Bernard......... New York
Kress, Milton Bernard...... Maryland
Krieger, Alexander Allan, Pennsylvania
Kriete, Eduard William, B.S.. Maryland
Layne, Frank Hopkins...... Kentucky
Lechner, Sidney Israel, B.S.. New York
Lefkowitz, Jacob, B.S....... New York
Legum, Samuel, A.B......... Maryland
Lent, Sylvester Mead, B.S., Connecticut
Lerner, George, A.M......... New York
Lieberman, Samuel, M.S...... New York
Louft, Reuben, A.B.......... Maryland
Markman, Harry David, B.S.. New York
McCauley, Lewis Ross, Ph.G., Pennsylvania
McGovern, William Joseph, B.S., Pennsylvania
McMillan, William Owen, West Virginia

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*Did not complete the year.

FIRST YEAR CLASS—Continued

Mickley, John Hoke, B.S..Pennsylvania
Miller, Myron Joseph, A.B..New York
Moores, John Duer..........Maryland
Myers, George Thomas, A.B..Maryland
Myles, Harry Seig, B.S...West Virginia
Nachlas, Arthur, A.B........Maryland
Newnam, Alpheus Carlton...Maryland
Panebianco, Richard Robert, B.S., New York
Patterson, Robert Compton, West Virginia
Pear, Henry Robert.........Maryland
Philip, Arthur Jay, B.S.....New York
Pink, Solomon Harris.....New Jersey
*Posey, Charles Fry......Pennsylvania
Prigal, Samuel Jeremiah, B.S., New York
Proctor, Samuel Edward, A.B., Maryland
Prussack, Solomon, M.S....New Jersey
Reckson, Morris Murray....New York
Richardson, Jack.......West Virginia
*Roberto, Frank Paul, A.B...Maryland
Roberts, Marion Butler, A.B., North Carolina
Rohm, Jack Zeth........Pennsylvania
Rosenthal, Stephen Isaiah, Pennsylvania
Ruben, William Merwin, Ph.G., Maryland
Rubenstein, Robert........New Jersey
Sager, Harold............New Jersey
Saunders, Thomas Sewell, Ph.G., Maryland
Savage, John Edward, B.S., District of Columbia
Schnabel, William Thomas, Ph.G., Maryland
Schubart, George Rudolph, B.S., West Virginia
Schwartz, David Israel, Ph.G., Maryland
Senger, Joseph Anton, Ph.G..Maryland
Shack, Max Herman.......New Jersey
Shaw, John Jacob, A.B.....New Jersey
Siegel, Sidney Leon.......New Jersey
Silverstein, George, A.B...Connecticut
Simmons, John Frederick...Maryland
Smoot, Marvin LeRoy...North Carolina
Snyder, Jerome, Ph.G........Maryland
Sollod, Aaron Charles, Ph.G..Maryland
*Spellman, Edward Thomas, Pennsylvania
Statman, Arthur James....New Jersey
Stein, Charles, A.B.........Maryland
Stephenson, Frank Richard..Maryland
Strully, Joseph George.....New York
Thomas, Robert Yates Haines..Florida
Thompson, Harry Goff........Illinois
*Widby, Jesse Howard, B.S.Washington
Wirts, Carl Alexander...Pennsylvania
Young, Alexander, A.B.......New York
Zupnik, Howard Lester..Pennsylvania
Zuravin, Meyer Harry, B.S..New Jersey

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*Did not complete the year.

GENERAL SUMMARY OF STUDENTS ATTENDING THE UNIVERSITY OF MARYLAND

SESSION OF 1928-1929

College of Agriculture	141
College of Arts and Sciences	582
Extension	6
School of Dentistry	384
College of Education	147
Extension	116
College of Engineering	261
Extension	171
Graduate School	105
College of Home Economics	51
School of Law	257
School of Medicine	413
School of Nursing	116
School of Pharmacy	373
Summer School, 1927, College Park	626
Practice School	56
Total	3,805
Duplications	94
Net Total	3,711

GRADUATES 1929

GRADUATES OF UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS,

JUNE 8, 1929

Ackerman, Jacob Harold, A.B., New York
Alessi, Silvio A., Ph.G., Maryland
Amos, Hugh, B.S., Ohio
Anderson, Walter Anders, D.D.S., Ph.G., Maryland
Bardfeld, Benjamin B., New Jersey
Barland, Samuel, Jr., B.S., New York
Bernhard, Robert, New York
Birely, Morris Franklin, A.B., Maryland
Bongiorno, Henry Domenic, Ph.G., New Jersey
Botsch, Bernard, B.S., Ohio
Bowen, James Poore, B.S., South Carolina
Brahms, Max, B.S., New York
Brauer, Selig Leo, New Jersey
Calas, Andres Eladio, Cuba
Chambers, Earl LeRoy, Maryland
Chapman, William Hardee, Maryland
Christian, William,, Pennsylvania
Ciccone, Arnold William, Rhode Island
Clark, Francis Alden, B.S., West Virginia
Cohen, Herman, New Jersey
Cohen, Paul Henry, A.B., Maryland
Conn, Jacob Harry, A.B., Maryland
Corsello, Joseph Nicholas, B.S., New York
Dailey, William Paul, Pennsylvania
Daniels, Willard Floyd, B.S., West Virginia
DeBarbieri, Fred Louis, A.B., Pennsylvania
Draper, William Bateman, Maryland
Farbman, Meyer David, B.S., New York
Fargo, William Russell, A.B., Maryland
Fattel, Henry Charles, B.S., New Jersey
Feingold, Charles Rodin, B.S., New York
Feit, Emanuel, B.S., New York
Fifer, Jesse Showalter, A.B., Delaware
Garber, Jacob S., New York
Givner, David, A.B., Maryland
Gouldman, Edwin Foster, B.S., Virginia
Guiglia, Sascha Facchetti, New York
Haney, John James, New Jersey
Heck, Leroy Savin, B.S., Ph.G., Maryland
Helms, Samuel Thomas, B.S., Virginia
Holroyd, Frank Jackson, A.B., B.S., West Virginia
Horowitz, Morris, A.B., Massachusetts
Husted, Samuel Harley, New Jersey
Isern, Rafael Angel Vilar, B.S., Porto Rico
Jackson, Murray Elliot, B.S., New York
Jacobs, Abraham, B.S., New York
Kelly, Clyde Ernest, A.B., Pennsylvania
Kendall, Benjamin Horton, A.B., North Carolina
Knight, Walter Phillips, Pennsylvania
Levi, Ernest, Ph.G., Maryland
Levy, Walter Howard, New York
Lynn, Irving, B.S., New Jersey
Lynn, John Galloway, 4th
Matsumara, Junichi, Hawaii
McAndrew, Joseph Theodore, West Virginia
McDowell, Roy Hendrix, A.B., North Carolina
McGowan, Joseph Francis, Pennsylvania
Meranski, Israel Peter, B.S., Connecticut
Morgan, Isaac Joseph, B.S., Pennsylvania
Murphy, John Edward, Pennsylvania
Neistadt, Isidore Irving, A.B., Maryland
Neuman, Fqnley Frederick, A.B., Ohio
Newman, Saul Charles, B.S., Connecticut
Nickman, Emanuel Harrison, New Jersey
Overton, Lewis Marvin, A.B., North Carolina
Penchansky, Samuel Joseph, B.S., New Jersey

Porterfield, Maurice Coleman,	Maryland
Prager, Benjamin, B.S.,	New York
Reeder, Paul Arlington, B.S.,	West Virginia
Reilly, John Vincent,	New Jersey
Roberts, Eldred, B.S.,	Maryland
Safer, Jake Victor,	Florida
Safford, Henry Towne, Jr.,	Texas
Schreiber, Morris Bernard,	New York
Schwartzbach, Saul, A.B.,	District of Columbia
Seibel, Jack, B.S.,	New York
Sekerak Raymond Andrew,	Connecticut
Serra, Lawrence Mario, Ph.G.,	Maryland
Sikorsky, Albert Edward, A.B.,	Maryland
Silver, Mabel Irene, B.S.,	Maryland
Soifer, Albert Alexander, B.S.,	Maryland
Solomon, Milton, B.S.,	New York
Speicher, Wilbur Glenn,	Maryland
Spencer, Ernest,	Maryland
Spurrier, Oliver Walter, A.B.,	Maryland
Staton, Leon Raphael, A.B.,	North Carolina
Stevenson, Charles Calvert,	Utah
Sullivan, William Joseph,	Rhode Island
Tannenbaum, Morris, B.S.,	New York
Taylor, Charles Vivian, A.B.,	Maryland
Ullrich, Henry Franz	Maryland
Vann, Homer King,	Florida
Vestal, Tom Fletcher,	North Carolina
Volenick, Lee Joseph,	New York
Wallack, Charles Albert, B.S.,	New Jersey
Ward, Hugh Walter, A.B.,	Maryland
Waters, Zack James, B.S.,	North Carolina
Weiss, Aaron,	New York
Wilkerson, Albert Russell, Ph.G.,	Maryland
Yeager, George Herschel, B.S.,	Maryland
Yudkoff, William, B.S.,	New Jersey

The following men graduated on October 1st, 1928:

Israel Kaufman

S. Zachary Vogel

Honors

University Prize Gold Medal.....................William Russell Fargo

Certificates of Honor

Lawrence Mario Serra

Samuel Thomas Helms

Oliver Walter Spurrier

Paul Henry Cohen

Maurice Coleman Porterfield

The Dr. Jose L. Hirsh Memorial Prize of $50.00 for the best work in Pathology during the second and third years was awarded to William Russell Fargo.

The Dr. Leo Karlinsky Memorial Scholarship for the highest standing in the Freshman Class was awarded to Herbert Berger.

The Dr. A. Bradley Gaither Memorial Prize of $25.00 for the best work in Genito-Urinary Surgery during the senior year was awarded to Zack James Waters.

ALUMNI ASSOCIATION SCHOOL OF MEDICINE

Executive Officers

President, Dr. Alexius McGlannan—115 W. Franklin St.
Vice President, Dr. Elmer B. Freeman—412 Cathedral St.
Vice President, Dr. Aloysius W. Valentine—610 N. Caroline Ave., Wash., D.C.
Vice President, Dr. Wm. Wayne Babcock—1720 Spruce St., Phila., Pa.
Secretary, Dr. H. M. Bubert—Medical Arts Bldg.
Assistant Secretary, Dr. T. B. Aycock—Medical Arts Bldg.
Treasurer, Dr. M. LeRoy Lumpkin—914 N. Charles St.

Board of Directors

Chairman of Board, Dr. C. R. Edwards, Medical Arts Building.
President, Dr. Alexius McGlannan
Secretary, Dr. Howard M. Bubert
Assistant Secretary, Dr. T. B. Aycock
Treasurer, Dr. M. L. Lumpkin
2 year member, Dr. Jos. W. Holland
2 year member, Dr. Frank S. Lynn
1 year member, Dr. Austin Wood
1 year member, Dr. Chas. R. Foutz

(To keep a nucleus of 3 intact, President becomes Chairman for this year then two year Members each year.)

Advisory Committee

Dr. Wm. H. Triplett, Chairman—1324 W. Lombard St.
Dr. A. Ferd Reis—24 S. Broadway
Dr. John Evans, Medical Arts Bldg.
Dr. Charles A. Waters—1100 N. Charles St.
Dr. S. Demarco—1604 Linden Ave.

Representative on Alumni Council, Dr. Cyrus Horine—817 Park Ave.

Representatives on Hospital Council

Dr. Frank W. Keating—Owings Mills, Md.
Dr. Charles W. Maxson—827 N. Charles St.

Trustees Students Rotating Fund

5 year term, Dr. Wm. S. Love
4 year term, Dr. Chas. E. Brack
3 year term, Dr. Frank J. Kirby
2 year term, Dr. Robert L. Mitchell
1 year term, Dr. G. Milton Linthicum

(Upon expiration all elections will be for 5 year terms. Thus 1 elected each year.)

Editors Bulletin

Dr. Emil Novak—26 E. Preston St.
Dr. H. M. Bubert—Medical Arts Bldg.

Necrologist, Dr. Wm. S. Love—836 W. North Ave.

ENDOWMENT FUND

The following constitute the Board of Trustees of this Fund:

Daniel Baker, Jr., Chairman.
Harry Adler, M.D.
J. M. H. Rowland, M.D.
Randolph Winslow, A.M., M.D., LL.D.
Stuart Janney
E. F. Kelly, Ph.G.
Horace M. Davis, D.C.D.
Robertson Griswold
Arthur M. Shipley, Sc.D., M.D.

This Board is incorporated by act of the Legislature of the State, its legal title being "The Trustees of the Endowment Fund of the University of Maryland," and is independent and self-perpetuating Its powers are limited *to the expenditure of the interest derived from the fund,* which is to be applied in the discretion of the Board for the benefit of the University. Contributions, donations and bequests are solicited from Alumni and friends. They may be made to the general or University Fund, to the Medical Fund or to any other department of the University. If intended for the School of Medicine, they may be given to the general medical fund or to some special object, as building, research, library, pathology, hospital, publication, laboratories, gymnasium, scholarship, medal prize, etc., in which case the wishes of the donor will be strictly regarded. Attention is invited to the "Charles Frick Research Fund," already established in memory of that distinguished investigator. Checks should be made payable to J. M. H. Rowland, Treasurer, Lombard and Greene Streets, Baltimore, Md.

FORMS OF DEVISE OR BEQUEST

To School of Medicine

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic...

(Here state amount or describe property)

To Endowment Fund

I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic................

(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

FACULTY AND INSTRUCTORS

Superintendent of Nurses and Director of School of Nursing
Annie Crighton, R.N.

Assistant Superintendent of Nurses
Frances M. Branley, R.N.

Instructor in Nursing
Isabel Zimmerman, R.N.

Instructor in Nursing and Supervisor of Wards
Helen Wright, R.N.

Instructor in Surgical Technique for Nurses and Supervisor of Operating Pavilion
Elizabeth Aitkenhead, R.N.
Instructor in Dietetics
Miriam Connelly

Instructor in Massage
Edith Walton

Instructor in Social Service
Grace Pearson, R.N.

Assistant Instructor in Nursing and Supervisor of Wards
Bertha Hoffman, R.N.

Alice Bennett, R.N.	Night Supervisor
Jane Moffatt, R.N.	Supervisor—Dispensary
Lillie Hoke, R.N.	Head Nurse—Obstetrical Ward
Estella Baldwin, R.N.	Head Nurse—Children's Ward
Helen J. Morgart, R.N.	Head Nurse—Men's Medical Ward
Elizabeth Cannon, R.N.	Head Nurse—Men's Surgical Ward
Gertrude Conner, R.N.	Head Nurse—Men's Surgical Ward
Marie Pearce, R.N.	Head Nurse—Women's Medical Surgical and Gynecological Ward
Lucy Brude, R.N.	Head Nurse—Private Hall
Vada Smith, R.N.	Head Nurse—Private Hall
Rhea Gerber, R.N.	Assistant Head Nurse—Operating Room
Cora Mason Wilson, R.N.	Head Nurse—Surgical Supply Room
Frances Leishear, R.N.	Head Nurse—Accident Room
Mildred Croll, R.N.	Head Nurse—Outside Obstetrics
Ruth Young, R.N.	Assistant Oustide Obstetrics
Catherine Rodenwald, R.N.	Head Nurse—Prenatal Clinic
Stella Ricketts, R.N.	Assistant Prenatal Clinic

LECTURERS FROM THE SCHOOL OF MEDICINE

Anatomy
C. L. Davis, M.D.

Physiology
F. A. Ries, M.D.

Bacteriology
F. W. Hachtel, M.D.

Chemistry
Ruth F. Carr, B.S.

Pharmacology and Materia Medica
Ruth Musser, B.A.
W. H. Schultz, Ph.B., Ph.D.

Medicine
Maurice C. Pincoffs, M.D.
W. S. Love, Jr., M.D.
L. A. M. Krause, M.D.
V. L. Ellicott, M.D.
C. Hampson Jones, M.D.

Pediatrics
C. Loring Joslin, M.D.

Psychiatry
R. McCluby Chapman, M.D.

Skin and Venereal Diseases
Harry M. Robinson, M.D.

Ophthalmology
Clyde A. Clapp, M.D.

Otology
J. W. Downey, M.D.

Surgery
Joseph W. Holland, M.D.

Laryngology and Rhinology
E. A. Looper, M.D.

Gynecology
Hugh Brent, M.D.

Orthopaedic Surgery
ROBERT W. JOHNSON, JR., A.B., M.D.

Obstetrics
L. H. DOUGLASS, M.D.

Social Service
Special Lectures

STUDENTS ENROLLED, 1927-1928.

Post-graduates	1
Seniors	32
Intermediates	20
Juniors and Preparatory	49
Total	102

GENERAL STATEMENT

The University of Maryland School for Nurses was established in the year 1889.

Since that time it has been an integral part of the University Hospital, coming under the same government.

The school is non-sectarian, the only religious services being morning prayers.

The University Hospital is a general hospital containing about 250 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing, including experience in the operating room.

The school offers the student nurse unusual advantages in its opportunity for varied experience and in its thorough curriculum taught by best qualified instructors and members of the Medical Staff of the University.

ADMISSION—Requirements: In order to become a candidate for admission to the Training School, application must be made in person or by letter, to the Superintendent of Nurses. An application by letter should be accompanied by a statement from a clergyman testifying to good moral character and from a physician certifying to sound health and unimpaired faculties. No person will be considered who is not in a good physical condition between the ages of 18 and 35. She must also show that she has a High School education or its equivalent. This is the minimum requirement, as women of superior education and culture are given preference provided they meet the requirements in other particulars.

The fitness of the applicant for the work and the propriety of dismissing or retaining her at the end of her term of probation, is left to the decision of the Superintendent of Nurses. Misconduct, disobedience, insubordination, inefficiency, or neglect of duty are causes for dismissal at any time by the Superintendent of Nurses, with the approval of the President of the University.

TIME: Students are admitted in February and September.

HOURS ON DUTY: During the probation term the students are on duty not more than six hours daily. During the Junior, Intermediate and Senior years the students are on eight-hour day duty, with six hours on Sunday and Holidays, and ten-hour night duty. The night duty periods are approximately five or six months during the three years.

SICKNESS: A physician is in attendance each day, and when ill, all students are cared for gratuitously. The time lost through illness in excess of two weeks during the three years must be made up. Should the authorities of the school decide that through the time lost the theoretical work has not been sufficiently covered to permit the student to continue in that year, it will be necessary for her to continue her work with the next class.

VACATION: Vacations are given between June and September. A period of three weeks is allowed the student at the completion of the first year and four weeks at the completion of the second year.

EXPENSE: A student receives her board, lodging, and a reasonable amount of laundry from the date of entrance. During her period of probation she provides her own uniforms made in accordance with the hospital regulations. After being accepted as a student nurse, she wears the uniform furnished by the hospital, and in addition to this is paid five dollars ($5.00) a month. Her personal expenses during the course of instruction and training will depend entirely upon her individual habits and tastes.

GENERAL PLAN OF INSTRUCTION

The course of instruction covers a period of three years.

FRESHMAN YEAR

First Term

The Freshman Year is divided into two periods. The first term is the preparatory period (4 months) and the second the junior term.

In the preparatory term the student is given practical instruction in:

I. The making of hospital and surgical supplies. The cost of hospital materials, apparatus and surgical instruments.
II. Household economics and the preparation of foods.
III. The hospital out-patients' department and dispensary.

During this term the practical work is done under constant supervision, and teaching is given correlatively.

Excursions are made to markets, hygienic dairies, linen-rooms, laundry and store-room.

The maximum number of hours per week in formal instruction divided into laboratory and lecture periods is thirty hours and includes courses in Anatomy and Physiology, Dietetics, Materia Medica, Personal Hygiene, Drugs and Solutions, Household Economics, Short Course in Ethics and History of Nursing.

At the close of the first term of the Junior Year the students are required to pass satisfactorily both the written and oral tests, and failure to do so will be sufficient reason to terminate the course at this point.

SUBSEQUENT COURSE

The course of instruction, in addition to the probationary period, occupies two and one-half years, and students are not accepted for a shorter period.

After entering the wards, the students are constantly engaged in practical work under the immediate supervision and direction of the head nurses and instructors.

FRESHMAN YEAR

Second Term

During this period the students receive theoretical instruction in Massage, Bacteriology, General Surgery and Introductory Medicine. Practical instruction is received in the male and female, medical, surgical, and children's wards.

JUNIOR YEAR

During this period the theoretical instruction includes Pediatrics, General Medicine, Infectious Diseases, Obstetrics, Gynecology and Orthopaedics. The practical work provides experience in the nursing of obstetrical and gynecological patients, in the operating-rooms and the out-patient department.

SENIOR YEAR

During this period the student receives short courses of lectures on subjects of special interest. This includes a consideration of the work of institutions of public and private charities, of settlements, and various branches of professional work in nursing.

Experience is given in executive and administrative work to those showing exceptional ability in the Senior Year. With these students conferences are held on administration and teaching problems.

Examinations—Which are both written and oral—include practical tests, and the standing of the student is based upon the general character of work throughout the years, as well as the results of the examinations. Students must pass all subjects before entering upon the work of the following year.

Graduation: The diploma of the School will be awarded to those who have completed satisfactorily the full term of three years and have passed successfully the final examinations.

Scholarships: One scholarship has been established by the Alumnæ of the Training School. It entitles a nurse to a six weeks' course at Teachers' College, New York. This scholarship is awarded at the close of the third year to the student whose work has been of the highest excellence, and who desires to pursue post-graduate study and special work. There is a second prize of fifty dollars, known as the Elizabeth Collins Lee prize, which is awarded at the close of the third year to the student whose work has been of the second highest excellence. A third prize of fifty dollars, known as the Edwin & Leander M. Zimmerman prize, which is also awarded at the close of the third year to the student whose practical work has been outstanding and who has displayed the greatest interest and sympathy for the patients.

An Alumnæ Pin is presented by the Women's Auxiliary Board to the student who at the completion of three years shows exceptional executive ability.

Five-Year Program

In addition to the regular three-year course of training the University offers a combined Academic and Nursing program leading to the degree of Bachelor of Science and a Diploma in Nursing.

The first two years of the course (or pre-hospital period), consisting of 68 semester hours, as shown on page 94 of the University Catalogue, are spent in the College of Arts and Sciences of the University, during which period the student has an introduction to the general cultural subjects which are considered fundamental in any college training. At least the latter of these two years must be spent in residence at College Park in order that the student may have her share in the social and cultural activities of college life. The last three years are spent in the School of Nursing in Baltimore or in the Training School of University Hospital, which is affiliated with the School of Medicine of the University. In the fifth year of the combined program certain elective courses such as Public Health Nursing, Nursing Education, Practical Sociology, and Educational Psychology are arranged.

GRADUATING CLASS OF 1929

Eva Mae Bradburn.......North Carolina
Gertrude Nelson Conner......Maryland
Mildred M. Coulter......North Carolina
Grace Eleanor Dick...........Maryland
Grace Mae Emmert..District of Columbia
Edna Alyce Esterly..........Maryland
Freda Gertrude Fazenbaker...Maryland
Lida Jane Fite............Pennsylvania
Margaret Milton Fox.........Maryland
Christina Baird Gillies,
Jamaica, B. W. I.
Eleanore Editha Goldsborough,
West Virginia
Hattie G. Goodman...........Maryland
Daisymae Hastings...........Maryland
Evelyn C. Haddox.........West Virginia
Gertrude C. McLaughlin..West Virginia
Corinne Bennett Miller......Maryland
Edith Eugenia Morgan...North Carolina
Milbrey Catherine Neikirk...Maryland
Margaret Nelson.............Maryland
Martha Rebecca Pifer.........Virginia
Mildred Nancy Rankin..North Carolina
Emma Elizabeth Roth........Maryland
Mildred Mae Shipley.........Maryland
Vesta Lillian Swartz.........Virginia
Grace Liden Thawley.........Maryland
Dena Virginia Valaco........Maryland
Alberta Lillian Victor.......Maryland
Larue Koontz Wetzel.........Maryland
Hilda Dale Willis......North Carolina
Kathryn Elizabeth Wright...Maryland
Ruth Anna Young............Maryland
Evelyn Byrd Zapf............Maryland

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established in 1899 and incorporated in 1901. It has developed the art of the profession according to the high standard requisite to qualify for Registered Nurse.

The Mercy Hospital School of Nursing was organized and incorporated under the laws of the State of Maryland in 1899, and has operated successfully for a quarter of a century.

Requirements for Admission.

A candidate desiring to enter the School of Nursing should apply to the Superintendent of Nurses by letter or in person at least six weeks before the entrance date. It is preferred that she apply in person accompanied by her mother or guardian. If a personal interview is not possible, a written application may be submitted.

Age.

Candidates should be between the ages of eighteen and thirty-five years.

Physique.

Applicants should be of average height and good physique. Teeth and eyes should be attended to before entering the School, and tonsils removed if not in good condition. Every applicant is required to send in a certificate of health by her family physician. A physical examination is also made by the school physician during the preliminary period.

Education.

Applicants for admission should present at least high school certificate of graduation or its equivalent in educational values. The credits of preliminary education are fully accounted and the nurse who is the better qualified finds such a foundation more to her advantage as she progresses through the years of study.

Calendar.

Students are admitted September 1st and February 1st.

Length of Course.

The course of instruction covers three years. It is divided into a preliminary term of four months, a freshman term of eight months, a junior term of one year, and a senior term of one year.

Conditions of Acceptance.

The Superintendent of Nurses decides as to the fitness for the work and the propriety of retaining or dismissing a student at the end of the term of probation or during its course. She may also, with the approval of the faculty, terminate the connection of a student with the School in any justifiable instance. At the end of the preliminary period, if the student's health, general education, and natural aptitude prove satisfactory to the Director of the School and the Sister Superior, she shall be appointed for enrollment as a student nurse.

Expenses.

An admission fee of fifty dollars is required from all students. This covers the cost of uniforms and books required during the preliminary course.

Should the student for any reason leave the school before completing the course, this fee will not be returned, nor may she take with her any part of the equipment.

After four months' probation, candidates, if they possess the necessary qualifications, are admitted to the School of Nursing proper. They receive ten dollars per month to help defray incidental expenses No compensation is given, the education received being considered sufficient return for service rendered. Board, laundry, etc., are furnished by the institution.

Four weeks before admission candidates should forward the fifty-dollar entrance fee, and measurements for uniforms and aprons, which will be in readiness upon their arrival. No orders will be considered until this fee is received.

Uniform Equipment.

After acceptance students are required to wear the uniform of the School. They are not permitted to appear on the street away from the hospital in uniform at any time.

A list of the necessary articles of clothing and other equipment will be sent to each accepted candidate for admission.

Hours of Duty.

During the preparatory period of four months, the students are on duty in the Wards not more than four hours daily.

During the freshman, junior, and senior years, the number of hours of duty does not exceed eight hours during the day and ten hours during the night. One-half day off duty is given each week. Students on night duty are given one night off each week and two days at the end of each night duty period.

Vacations.

Vacations are given between May 15th and October 1st, and at no other time. Students are granted four weeks' vacation at the end of the first and second years. Absence other than this is not allowed, except in extreme cases. Students are not allowed during their course of instruction to return to their homes to care for sick relatives or friends, or absent themselves for other personal reasons.

Illness.

Students who are ill are cared for at the expense of the Hospital for a reasonable length of time. Members of the Medical Staff of the Hospital give professional service gratuitously to students of the School of Nursing. Time lost from illness or for other reasons must be made up. Absences are allowed for emergencies only. If absence is prolonged, students may lose their class position.

Examinations.

Examinations, both written and oral, are held at the end of the course of instruction in each subject. These examinations include practical tests. The standing of the pupil is based upon the general character of her work throughout the year, as well as upon the results of her examinations. Pupils are required to pass in all subjects of a given year before entering upon the work of the following year. Careful and complete records of class work, of examinations, and of the general deportment of all pupils are kept on file in the School office.

Graduation.

The diploma of the School will be awarded to those who have completed satisfactorily the full term of three years and have passed successfully the final examinations.

THE FIVE-YEAR COURSE

Leading to B.S. Degree and Diploma of Graduate Nurse

The University of Maryland, in affiliation with the Mercy Hospital School of Nursing, offers a combined Academic and Nursing program.

The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland, and to the diploma of the Mercy Hospital School of Nursing.

Graduate nurses who hold college degrees are greatly in demand, especially for positions in administration and teaching. This program consequently offers a distinct advantage.

Outline of Course.

Two years of this course (pre-nursing or post-nursing period) consisting of 70 semester hours are spent in the College of Arts and Sciences of the University, with the usual College vacations. At least the latter of these two years must be spent in residence at College Park in order that the student may have her share in the social and cultural activities of College life.

Requirements for Admission.

Students electing such a course must before entering the School of Nursing, satisfy the entrance requirements of the University of Maryland. Applicants must be personally adapted to professional nursing.

Fees and Other Expxenses.

During the two years which the students spend at College Park they maintain themselves, and pay their own College fees. (See University of Maryland bulletin.)

Throughout the Nursing School Course the hospital provides without expense to the student maintenance and care during temporary illness.

GRADUATES 1929

Sister Mary Magdalene Baker,	Newfoundland
Ada Ramsay Bartol	Maryland
Sophia Christita Bockmier	Maryland
Dorothy Marie Bohn	Maryland
Helen Louise Bostion	Maryland
Frances Mechem Cain	Maryland
Anna Elizabeth Casey	West Virginia
Jessie Sheets Chenoweth	Maryland
Ruth Eveline Coveney	Maryland
Sister Mary Delphine Dietl,	New Jersey
Anne Stuart Ducharme	Maryland
Gertrude Estelle Duggan	Newfoundland
Anna Louise Golibart	Maryland
Mary Judith Haynes	Maryland
Elizabeth Augusta Hauf	Maryland
Mary Dorothy Horigan	Maryland
Catherine Irene Johnson	Maryland
Geraldine Margaret Leahey,	Pennsylvania
Sister Mary Loretto Macisaac,	Newfoundland
Delia Macken	Ireland
Eileen M. Mansur	Maryland
Helen Marie Miller	Vermont
Marian Ruth Moyer	Pennsylvania
Mary Agnes Murphy	Pennsylvania
Lillie Barbara Muzdakis	Maryland
Catherine Eugenia O'Hayer	Maryland
Eleanor Maude Rice	Pennsylvania
Martha Bertha Simon	Maryland
Mary Edith Smith	Maryland
Lorraine Emma Smaling	Pennsylvania
Anna Marie Songer	Pennsylvania
Mary Rosalie Shetla	Maryland
Helen Chrystal Treacy	Maryland
Eleanor Jenkins Troy	Maryland
Helen M. A. Vollmer	Maryland
Elizabeth Margaret Warrenfeltz,	Pennsylvania

VOL. XIV APRIL, 1930 No. 5

BULLETIN
OF THE
SCHOOL *of* MEDICINE

UNIVERSITY OF MARYLAND

1807-1856-1920

PART TWO
CATALOGUE SUPPLEMENT
SESSION 1930-31

PUBLISHED FOUR TIMES A YEAR
JANUARY, APRIL, JULY AND OCTOBER
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BULLETIN

OF THE

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE

AND

COLLEGE OF PHYSICIANS AND SURGEONS

Successor to THE HOSPITAL BULLETIN of the University of Maryland, BALTIMORE MEDICAL COLLEGE NEWS, and the JOURNAL of the Alumni Association of the College of Physicians and Surgeons.

VOL. XIV APRIL, 1930 NO. 5

ANNUAL ANNOUNCEMENT

SESSION 1930-31

This catalogue presents the teaching staff for the present year and the announcement of courses for the ensuing one. Changes in the teaching staff and list of graduates of the Class 1929-30 will appear in the July Bulletin.

CALENDAR OF BALTIMORE SCHOOLS

UNIVERSITY OF MARYLAND

Session 1930-1931

FIRST SEMESTER

1930

Monday, September 29—Registration begins.* (See School Bulletin for procedure.)

Monday, September 29—Instruction begins with the first scheduled period.

Saturday, October 4—Last day to register without paying fine of $5.00.

Thursday, November 27—Thanksgiving.

Saturday, December 20—Christmas recess begins after the last scheduled period.

1931

Monday, January 5—Instruction resumed with the first scheduled period.

Saturday, January 31—First semester ends after the last scheduled period.

SECOND SEMESTER

Monday, February 2—Registration begins.* (See School Bulletin for procedure.)

Monday, February 2—Instruction begins with the first scheduled period.

Saturday, February 7—Last day to register without paying fine of $5.00.

Monday, February 23—Holiday (Washington's Birthday).

Thursday, April 2—Easter recess begins after the last scheduled period.

Tuesday, April 7—Instruction resumed with the first scheduled period.

Saturday, June 6—Commencement Day.

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*The offices of the Registrar and Comptroller are open daily (except Sunday) from 9.00 A. M. to 5 P. M.; Saturday 9.00 A. M. to 1 P. M.

THE UNIVERSITY OF MARYLAND

Control of the University of Maryland is vested in a Board of nine Regents, appointed by the Governor and confirmed by the Senate for terms of nine years each. The general administration of the University is vested in the President. The University Council is an advisory body, composed of the President, the Assistant to the President, the Director of the Agricultural Experiment Station, the Director of the Extension Service, and the Deans. The University Council acts upon all matters having relation to the University as a whole, or to cooperative work between the constituent groups. Each school has its own Faculty Council, composed of the Dean and members of its Faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organization:

The College of Agriculture,
The College of Engineering,
The College of Arts and Sciences,
The School of Medicine,
The School of Law,
The School of Dentistry,
The School of Pharmacy,
The College of Education,
The College of Home Economics,
The Graduate School,
The Summer School,
The Department of Physical Education and Recreation.

The Schools of Medicine, Law, Dentistry and Pharmacy are located in Baltimore; the others in College Park, Maryland.

BOARD OF REGENTS
OF
THE UNIVERSITY OF MARYLAND

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John M. Dennis, Esq., *Treasurer*	Term expires 1932
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George M. Shriver, Esq	Term expires 1935

Raymond A. Pearson, M.S., D.Agr., LL.D...... *President and Executive Officer*

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Henry D. Harlan, LL.D	Dean of the School of Law
J. M. H. Rowland, M.D	Dean of the School of Medicine
A. G. Du Mez, Phar.D	Dean of the School of Pharmacy
T. O. Heathwole, M.D., D.D.S	Secretary of the Baltimore Schools
W. S. Small, Ph.D	Dean of the College of Education
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C. O. Appleman, Ph.D	Dean of the Graduate School
Thomas B. Symons, M.S., D.Agr	Director of Extension Service
J. Ben Robinson, D.D.S., F.A.C.D	Dean of the School of Dentistry

THE UNIVERSITY OF MARYLAND

SCHOOL OF MEDICINE

AND

COLLEGE OF PHYSICIANS AND SURGEONS

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FRANK W. HACHTEL, M.D.
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CLYDE A. CLAPP, M.D.

FACULTY OF PHYSIC

EMERITUS PROFESSORS.

Randolph Winslow, A.M., M.D., LL.D	Surgery
Samuel K. Merrick, M.D	Rhinology and Laryngology
Hiram Woods, A.M., M.D., LL.D	Ophthalmology and Otology
J. Frank Crouch, M.D	Clinical Ophthalmology and Otology
John R. Winslow, A.B., M.D	Rhinology and Laryngology
Edward N. Brush, M.D	Psychiatry
John C. Hemmeter, M.D., Ph.D., Sc.D., LL.D	Clinical Medicine
L. E. Neale, M.D., LL.D	Obstetrics
Frank Dyer Sanger, M.D	Rhinology and Laryngology
Harry Friedenwald, A.B., M.D	Ophthalmology

PROFESSORS, ASSOCIATES, INSTRUCTORS AND ASSISTANTS.

Arthur M. Shipley, M.D., Sc.D., Professor of Surgery.
Gordon Wilson, M.D., Professor of Medicine.
William S. Gardner, M.D., Professor of Gynecology.
Standish McCleary, M.D., Professor of Pathology and Clinical Medicine.
Julius Friedenwald, A.M., M.D., Professor of Gastro-Enterology.
J. M. H. Rowland, M.D., Professor of Obstetrics and Dean of the Faculty.
Alexius McGlannan, A.M., M.D., LL.D., Professor of Surgery.
H. R. Spencer, M.D., Professor of Pathology.
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H. M. BUBERT, M.D., Associate in Medicine and Instructor in Pathology.
ZACHARIAH MORGAN, M.D., Associate in Gastro-Enterology.
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LEO BRADY, M.D., Associate in Gynecology.
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LEON FREEDOM, M.D., Associate in Neurology and Instructor in Pathology.
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CLEWELL HOWELL, M.D., Associate in Pediatrics.
WALTER C. MERKLE, M.D., Associate in Pathology.
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MONTE EDWARDS, M.D., Associate in Diseases of the Rectum and Colon.
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JOSEPH SINDLER, M.D., Associate in Gastro-Enterology.
CLEMENT R. MONROE, M.D., Instructor in Orthopaedic Surgery.
CLIFFORD LEE WILMOTH, M.D., Instructor in Orthopaedic Surgery.
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N. J. DAVIDOV, M.D., Instructor in Gastro-Enterology.
M. KOPPLEMAN, M.D., Instructor in Gastro-Enterology.
F. S. OREM, M.D., Instructor in Pediatrics.
M. G. GICHNER, M.D., Instructor in Medicine.
FREDERICK B. DART, M.D., Instructor in Pediatrics.
V. L. ELLICOTT, M.D., Instructor in Hygiene and Public Health.

M. G. Tull, M.D., Instructor in Hygiene and Public Health.
Isadore I. Levy, M.D., Instructor in Gastro-Enterology.
William A. Strauss, M.D., Instructor in Medicine.
Moses Gellman, M.D., Instructor in Orthopaedic Surgery.
I. O. Ridgley, M.D., Instructor in Surgery.
W. R. Johnson, M.D., Instructor in Surgery and Pathology.
E. M. Hanrahan, A.B., M.D., Instructor in Surgery.
H. F. Bongardt, M.D., Instructor in Surgery.
R. M. Hening, M.D., Instructor in Pediatrics.
M. N. Putterman, M.D., Instructor in Pediatrics.
A. H. Finkelstein, M.D., Instructor in Pediatrics.
Marie Kovner, M.D., Instructor in Pediatrics.
Robert Hodes, M.D., Instructor in Neurology.
M. H. Goodman, M.D., Instructor in Pathology.
J. S. Eastland, M.D., Instructor in Medicine.
Wetherbee Fort, M.D., Instructor in Medicine.
Henry Sheppard, M.D., Instructor in Medicine.
L. J. Millan, M.D., Instructor in Genito-Urinary Diseases.
K. B. Legge, M.D., Instructor in Genito-Urinary Diseases.
Eugene L. Flippin, M.D., Instructor in Roentgenology.
W. A. Simpson, A.B., M.D., Instructor in Orthopedic Surgery.
Francis Ellis, A.B., M.D., Instructor in Dermatology.
John M. Haynes, B.A., M.A., Instructor in Pharmacology.
Ruth Musser, B.A., Instructor in Pharmacology.
Benjamin Abeshouse, M.D., Instructor in Pathology.
C. Gardner Warner, M.D., Instructor in Pathology.
Dwight Mohr, M.D., Assistant in Surgery.
W. R. Geraghty, M.D., Assistant in Surgery.
S. Demarco, M.D., Assistant in Surgery.
Clyde N. Marvel, M.D., Assistant in Surgery.
H. C. Knapp, M.D., Assistant in Genito-Urinary Diseases.
H. T. Collenberg, M.D., Assistant in Genito-Urinary Diseases.
J. H. Collinson, M.D., Assistant in Genito-Urniary Diseases.
J. G. Onnen, M.D., Assistant in Surgery.
H. B. McElwain, M.D., Assistant in Surgery.
Robert W. Johnson, M.D., Assistant in Surgery and Histology.
A. C. Monninger, M.D., Assistant in Dermatology.
John A. O'Connor, M.D., Assistant in Surgery.
A. V. Buchness, M.D., Assistant in Surgery.
Karl J. Steinmuller, A.B., M.D., Assistant in Surgery.
William Emrich, M.D., Assistant in Genito-Urinary Surgery.
W. H. Woody, M.D., Assistant in Medicine.
Joseph Pokorney, M.D., Assistant in Histology.
C. V. Hooper, Assistant in Gastro-Enterology.
James W. Nelson, M.D., Assistant in Histology.

J. Hulla, M.D., Assistant in Histology.
T. B. Aycock, M.D., Assistant in Surgery and Anatomy.
F. A. Sigrist, M.D., Assistant in Surgery.
R. Hooper Smith, M.D., Assistant in Medicine.
L. T. Lavy, M.D., Assistant in Pediatrics.
Benjamin Miller, M.D., Assistant in Pediatrics.
E. V. Teagarden, M.D., Assistant in Pediatrics.
S. C. Feldman, M.D., Assistant in Pediatrics.
Ruth F. Carr, B.S., Assistant in Biological Chemistry.
George H. Rumberg, M.D., Assistant in Pathology.
Maurice Shamer, M.D., Assistant in Obstetrics.
Frank H. Figge, B.S., Assistant in Anatomy.
T. J. Touhey, M.D., Assistant in Surgery.
S. H. Culver, M.D., Assistant in Surgery.
Thomas C. Wolfe, M.D., Assistant in Medicine.
Henry C. Smith, M.D., Assistant in Medicine.
Nathaniel Beck, M.D., Assistant in Medicine.
Carl Benson, M.D., Assistant in Medicine.
F. S. Waesche, M.D., Assistant in Medicine.
A. Scagnetti, M.D., Assistant in Medicine.
David Tenner, M.D., Assistant in Medicine.
I. H. Maseritz, M.D., Assistant in Orthopaedic Surgery.
Aubrey C. Smoot, M.D., Assistant in Gastro-Enterology.
T. Terry Burger, M.D., Assistant in Pediatrics.
W. T. Schmitz, M.D., Assistant in Pediatrics.
M. Paul Byerly, M.D., Assistant in Pediatrics.
Henry Ginsberg, M.D., Assistant in Pediatrics.
Walter B. Johnson, M.D., Assistant in Pediatrics.
H. E. Levin, M.D., Assistant in Bacteriology.
G. A. Fritz, M.D., Assistant in Surgery.
H. L. Wheeler, M.D., Assistant in Surgery.
W. W. Walker, M.D., Assistant in Surgery.
Henry F. Graff, A.B., M.D., Assistant in Opthalmology.
A. Lloyd MacLean, M.D., C.M., Assistant in Ophthalmology.
Joseph Millett, Ph.G., Ph.C., B.S., Assistant in Pharmacology.

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE

AND

COLLEGE OF PHYSICIANS AND SURGEONS

As a result of the merger accomplished in 1915 the combined schools offer the student the abundant resources of both institutions, and, in addition, by earlier combination with the Baltimore Medical College, the entire equipment of three large medical colleges.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807, and chartered in 1808, under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties, of Divinity, of Law, and of Arts and Sciences, and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

Established thus for more than a century, the School of Medicine of the University of Maryland has always been a leading medical college, especially prominent in the South and widely known and highly honored throughout the country.

The beautiful college building at Lombard and Greene Streets, erected in 1812, is the oldest structure in America devoted to medical teaching. Here was founded one of the first medical libraries and the first medical college library in the United States.

Here for the first time in America dissecting was made a compulsory part of the curriculum; here instruction in Dentistry was first given (1837), and here were first installed independent chairs for the teaching of Diseases of Women and Children (1867), and of Eye and Ear Diseases (1873).

The School of Medicine was one of the first to provide for adequate clinical instruction by the erection in 1823 of its own hospital, and in this hospital intramural residency for the senior student was first established.

In 1913, juncture was brought about with the Baltimore Medical College, an institution of 32 years' growth. By this association the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterwards known as the Maternite, the first obstetrical hospital in Maryland. In 1878 union was affected with the Washington University School of Medicine, in existence since 1827, and the college was removed to its present location at Calvert and Saratoga Streets. By this arrangement medical control of the City Hospital, now the Mercy Hospital, was obtained, and on this foundation in 1899 the present admirable college building was erected.

ORGANIZATION OF THE SCHOOL OF MEDICINE

LABORATORY AND CLINICAL FACILITIES

The Laboratories

The laboratories are located at two centers, the group of buildings at Greene and Lombard Streets, and at 32 and 34 South Paca Street. The schedule is so adjusted that the laboratory periods are placed with a view of obviating unnecessary movement on the part of the classes. The building known as Gray Laboratory, at Greene and Lombard Streets, houses three departments. The Anatomical Laboratory is placed upon the top floor, where skylights and an auxiliary modern system of electric lighting gives adequate illumination of the subjects. On this floor are the office of the department and the necessary preparation rooms. The Department of Pharmacology occupies the second floor. There is a large room for the general student laboratory, which is thoroughly equipped with apparatus of recent acquisition, and in addition contains many instruments of unique and original design. With office and stockroom adjoining, this laboratory is complete for student experimentation. On the first floor of Gray Laboratory is the Department of Physiology. In addition to the large student laboratory, which is constructed for groups of forty-five students

there are rooms for the departmental office, preparation of material, and storage of apparatus. An additional room is devoted exclusively to mammalian experiments. In this building there is maintained an animal room where is kept an abundance of material for experimental purposes. The embalming and storage plant for the Department of Anatomy is in physical connection with the building and its special departments. The laboratories of physiology and pharmacology are completely equipped with apparatus lockers so that in accord with the best ideas of instruction, the students work in groups of two each, and each group has sufficient apparatus so that the experimental work can be carried on without delay or recourse to a general stockroom.

The laboratories of Pathology and Biochemistry, are located in the laboratory building on Greene St. above Lombard. The former department has a large student laboratory with a capacity of ninety; the tables are so placed as to secure the most satisfactory illumination for microscopic work, in addition, all of the tables are electrically equipped for substage illumination. This equipment is also provided for all laboratories where microscopic work obtains. The museum of the Department of Pathology adjoins the student laboratory. Here are available for demonstration about fifteen hundred carefully prepared and mounted specimens, and for laboratory instruction and study, an abundance of autopsy material with complete clinical histories. Several preparation, research, and office rooms communicate with the other rooms of this department. The laboratory of Biochemistry is constructed and equipped for sections of fifty. The laboratory is completely equipped for the facilitation of work. The office and stockroom adjoin. In the Main Building is the Museum of Anatomy, where are arranged for student reference, specimens which represent the careful selection of material over a period of many years. In the University Hospital is the Student Laboratory for the analytical studies by those students who are serving as clinical clerks on the wards. A similar laboratory is maintained in the building at the northwest corner of Saratoga and Calvert Streets, for the student work on the wards of the Mercy Hospital.

At 32 and 34 South Paca Street are two laboratories for Bacteriology, Histology, and Clinical Pathology. The two laboratories accommodate one hundred and twenty-five students or the full class,

and are equipped with necessary lockers for microscopes and apparatus. Each of the departments housed in this building are provided with their individual offices, preparation and stockrooms.

Clinical Facilities

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the State of Maryland. It was opened in September, 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for eye cases.

The present hospital has a capacity of 250 beds devoted to general medicine, surgery, obstetrics and the various medical and surgical specialties. It is equipped with a thoroughly modern X-ray department and clinical laboratory, and a post-mortem building which is constructed with special reference to the instruction of students in pathological anatomy.

The hospital is situated opposite the medical school buildings so that the students lose no time in passing from the lecture halls and laboratories to the clinical amphitheater, dispensary and wards.

Owing to its situation, being adjacent to the largest manufacturing district of the city and the shipping district, large numbers of accident cases are received. These combined with the cases of many sick seamen and with patients from our own city furnish a large amount of clinical material. Accomodations for twenty-five obstetrical patients are provided in the hospital for the purpose of furnishing actual obstetrical experience to each member of the graduating class.

In connection with the University Hospital an outdoor obstetrical clinic is conducted, in which every case has careful pre-natal supervision, is attended during labor by a senior student, supervised by a hospital physician and assisted by a graduate nurse, and is visited during the puerperium by the attending student and graduate nurse. Careful pre-natal, labor and puerperal records are kept, making this work of extreme value to the medical student, not only from the obstetrical standpoint, but in making him appreciate the value of social service and public health work.

During the year ending September 30, 1929, 368 cases were delivered in the hospital and 1039 cases in the outdoor department. Students in the graduating class delivered an average of fourteen cases, each student being required to deliver twelve cases.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: Medicine, Surgery, Obstetrics, Children, Eye and Ear, Genito-Urinary, Gynecology, Gastro-Enterology, Neurology, Orthopaedics, Proctology, Dermatology, Throat and Nose, Tuberculosis and Psychiatry.

All students in their junior year work in the departents of Medicine and Surgery each day in one of the dispensaries.

All students in their senior year work in the special departments one hour each day.

HOSPITAL COUNCIL

Raymond A. Pearson, M.S., D.Agr., LL.D., *President.*
Samuel M. Shoemaker, Esq., *President of the Board of Regents.*
J. M. H. Rowland, M.D., *Dean.*
M. C. Pincoffs, S.B., M.D., *Head of the Department of Medicine.*
A. M. Shipley, M.D., Sc.D., *Head of the Department of Surgery.*
A. J. Lomas, M.D., D.P.H., *Superintendent of the Hospital.*
Miss Annie Crighton, R.N., *Superintendent of Nurses.*
J. Allison Muir, Esq.
G. M. Shriver, Esq.
W. B. Brooks. Esq.
Miss Florence Sadtler, *Representing Woman's Auxiliary Board.*

Representing Hospital Staff

G. Milton Linthicum, A.M., M.D., C. Reid Edwards, M.D.

Representing Medical Alumni

Charles W. Maxson, M.D. Frank W. Keating, M.D.

UNIVERSITY HOSPITAL STAFF

Superintendent of the Hospital, A. J. Lomas, M.D.

Physicians

Gordon Wilson, M.D.
Harry M. Stein, M.D.
Walter A. Baetjer, M.D.
C. C. Habliston, M.D.
Maurice C. Pincoffs, B.S., M.D.
G. Carroll Lockard, M.D.
Joseph E. Gichner, M.D.
William H. Smith, M.D.

Gastro-Enterologist

Julius Friedenwald, A.M., M.D.

Neurologist

Irving J. Spear, M.D.

Psychiatrist

R. M. Chapman, M.D.

Pediatrician

C. Loring Joslin, M.D.

Pathologists

Hugh R. Spencer, M.D.
S. Lloyd Johnson, M.D.

Surgeons

Randolph Winslow, A.M., M.D., LL.D.
Nathan Winslow, M.D.
Charles Reid Edwards, M.D.
Arthur M. Shipley, M.D., Sc.D.
Page Edmunds, M.D.
Frank S. Lynn, M.D.

Laryngologists

Edward A. Looper, M.D.
Franklin B. Anderson, M.D.

Proctologists

G. Milton Linthicum, A.M., M.D.
J. Dawson Reeder, M.D.

Orthopaedic Surgeons

Robt. W. Johnson, Jr., A.B., M.D.
Compton Riely, M.D.
Raymond Lenhard, A.B., M.D.

Genito-Urinary Surgeons

W. H. Toulson, A.B., M.Sc., M.D.
Lyle J. Millan, M.D.

Roentgenologists

Henry J. Walton, M.D.
Eugene L. Flippin, M.D.

Dermatologists

Melvin S. Rosenthal, M.D.
Harry M. Robinson, M.D.

Bronchoscopist

Waitman F. Zinn, M.D.

Anaesthetists

S. Griffith Davis, M.D.
Samuel W. Moore, D.D.S.
W. G. Queen, M.D.

Obstetricians

J. M. H. Rowland, M.D.
M. A. Novey, A.B., M.D.
Isador H. Siegel, A.B., M.D.
L. H. Douglass, M.D.
J. G. M. Reese, M.D.
Maurice Shamer, M.D.

Ophthalmologists and Otologists

Clyde A. Clapp, M.D.
William Tarun, M.D.
Hiram Woods, A.M., M.D.
J. W. Downey, M.D.

Gynecologists

W. S. Gardner, M.D.
Hugh Brent, M.D
R. G. Willse, M.D.

UNIVERSITY HOSPITAL DISPENSARY STAFF

RESIDENT STAFF, 1930-31

Resident in Surgery	Hugh Alvin Bailey, M.D.
Assistant Resident in Surgery	George Yeager, M.D.
Assistant Resident in Surgery	Henry F. Ullrich, M. D.
Assistant Resident in Surgery	Luther E. Little, M.D.
Resident in Medicine	B. H. Kendall, M.D.
Resident in Gynecology	William H. Varney, M.D.
Resident in Obstetrics	T. F. Vestal, M.D.
Assistant Resident in Obstetrics	W. Paul Dailey, M.D.
Assistant Resident in Pediatrics	Walter B. Johnson, M.D.
Assistant Resident in Roentgenology	Luther E. Little, M.D.

INTERNES, 1930-31

Dr. Eugene S. Brown
Dr. Clay E. Durrett
Dr. Melvin Faw, Jr.
Dr. Daniel E. Forrest, Jr.
Dr. Leon J. Harrell
Dr. John C. Helms
Dr. George D. Hill
Dr. Rollin C. Hudson
Dr. J. E. Hornbaker
Dr. Vernie E. Mace
Dr. Duncan S. Owen
Dr. Louis R. Shulman
Dr. Robert Wilson, Jr.
Dr. George J. Snoops, Jr

Medicine

H. M. Stein, M.D., *Chief of Clinic*

William Michel, M.D.
A. L. Fehsenfeld, M.D.
S. B. Wolfe, M.D.
W. H. Triplett, M.D.
Leo Lally, M.D.
Thomas Coonan, M.D.

Diseases of the Stomach and Intestines

J. H. Ullrich, M.D., *Chief of Clinic*

Joseph Sindler, M.D.
Z. Morgan, M.D.
Aubrey C. Smoot, M.D.
M. S. Koppelman, M.D.
N. J. Davidov, M.D.
C. Vance Hooper, M.D.

Neurology

Irving J. Spear, M.D., *Professor of Neurology*
G. M. Settle, M.D., *Associate Professor of Neurology*
Leon Freedom, M.D., *Chief of Clinic*
Benjamin Pushkin, M.D.
Robert Hodes, M.D.

Mental Hygiene

Ralph P. Truitt, M.D., *Director*
Stewart B. Snissen, M.D.

Diseases of the Lungs

C. C. Habliston, M.D., *Chief of Clinic*

Diseases of Metabolism

H. M. Stein, M.D., *Chief of Clinic*

Cardiovascular Diseases

William S. Love, Jr., M.D., *Chief of Clinic*

Allergy Clinic

H. M. Bubert, M.D., *Chief of Clinic*

Pediatrics

C. Loring Joslin, M.D., *Professor of Clinical Pediatrics*
John H. Traband, M.D., *Chief of Clinic*
Clarence E. Macke, M.D., *Chief of Clinic*

Albert Jaffe, M.D.
William J. Todd, M.D.
F. Stratner Orem, M.D.
William G. Geyer, M.D.
R. M. Hening, M.D.
Marie Kovner, M.D.
Clewell Howell, M.D.
Samuel Glick, M.D.
M. N. Putterman, M.D.
A. H. Finkelstein, M.D.
T. Terry Burger, M.D.
M. Paul Byerly, M.D.
Louis T. Lavy, M.D.
S. C. Feldman, M.D.
Henry Ginsberg, M.D.
Walter B. Johnson, M.D.

Surgery

Charles Reid Edwards, M.D., *Chief of Clinic*

H. M. Foster, M.D.
J. Willis Guyton, M.D.
F. A. Sigrist, M.D.
H. L. Wheeler, M.D.
Thomas B. Aycock, M.D.
E. S. Johnson, M.D.
W. R. Johnson, M.D.
S. H. Culver, M.D.
A. C. Monninger, M.D.
W. W. Walker, M.D.
A. V. Buchness, M. D.
G. A. Fritz, M.D.

Orthopaedic Surgery

Robert W. Johnson, Jr., A.B., M.D., *Professor of Orthopaedic Surgery*
Raymond Lenhard, A.B., M.D., *Chief of Clinic*

Harry L. Rogers, M.D.
Clifford Lee Wilmoth, M.D.
W. A. Simpson, M.D.
I. H. Maseritz, M.D.
Clement R. Monroe, M.D.
Moses Gellman, M.D.

Genito-Urinary

W. H. Toulson, M.D., *Chief of Clinic*

Harris Goldman, M.D.
J. H. Collinson, M.D.
H. T. Collenberg, M.D.
Milton C. Lang, M.D.
H. C. Knapp, M.D.
L. K. Fargo, M.D.
Lyle J. Millan, M.D.

Roentgenology

Henry J. Walton, M.D., *Chief of Clinic*

Eugene L. Flippin, M.D.
Luther E. Little, M.D.

Dermatology

H. M. Robinson, M.D., *Chief of Clinic*

J. E. Gately, M.D.
Francis Ellis, M.D.

Nose and Throat

E. A. Looper, M.D., *Clinical Professor of Diseases of Throat and Nose*
Franklin B. Anderson, M.D., *Chief of Clinic*

F. A. Holden, M.D.
Charles H. Cahn, M.D.
Thomas O'Rourke, M.D.
Edward Talbott, M.D.
Joseph Nurkin, M.D.

Colon and Rectum

Monte Edwards, M.D., *Chief of Clinic*

Gynecology

J. M. Hundley, Jr., M.D.
Leo Brady, M.D.
A. V. Buchness, M.D.
George L. Wissig, M.D.
William J. Fulton, M.D.

Obstetrics

L. H. Douglas, M.D., *Chief of Clinic*

J. G. M. Reese, M.D.
Maxwell Mazer, M.D.
M. Alexander Novey, M.D.
Isadore A. Siegel, A.B., M.D.
Maurice Shamer, M.D.

Eye and Ear

Clyde A. Clapp, M.D., *Professor of Ophthalmology*
J. W. Downey, M.D.

Charles Cahn, M.D.
A. L. MacLean, M.D., C.M.
John G. Runkel, M.D.
H. F. Graff, A.B., M.D.

Social Service

Miss Grace Pearson, *Directress*

Dispensary Report from October 1, 1928 to September 30, 1929

	Cases		
DEPARTMENTS	NEW	RE-VISITS	TOTAL
Pediatrics	2,918	18,331	21,249
Dermatology	5,191	10,086	15,277
Surgery	2,815	10,135	12,950
Obstetrics	1,656	5,890	7,546
Medicine	1,614	5,321	6,935
Genito-Urinary	910	3,472	4,382
Eye and Ear	1,326	2,586	3,912
Gynecology	1,300	2,532	3,823
Orthopedic	443	2,809	3,252
Nose and Throat	1,052	952	2,004
Neurology	234	814	1,048
Gastro-Intestinal	173	710	883
Cardiology	121	488	609
Proctology	110	307	417
Cystoscopy	45	152	197
Tuberculosis	50	112	162
Mental Hygiene	490	1,190	1,680
Total	20,448	65,878	86,326

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of administering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present Hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space has compelled the erection of additions, until now there are accommodations for 351 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

Mercy Hospital is located in the center of a city of 800,000 inhabitants.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

It adjoins the College building, and all surgical patients from the public wards are operated upon in the College operating rooms. This union of the Hospital and College buildings greatly facilitates the clinical teaching, as there is no time lost in passing from one to the other.

Mercy Hospital is the hospital of the United Railways and Electric Company of Baltimore City, and receives patients from the Baltimore and Ohio Railroad Company and from the Pennsylvania Railroad Company and its branches.

BOARD OF GOVERNORS

Samuel M. Shoemaker, Esq., *Chairman*

Rev. Mother M. Carmelita
Sister M. Siena
Sister M. Hildegarde
Sister M. Anita
Sister M. Helen
Dr. Alexius McGlannan
Dr. Walter D. Wise
Dr. Thomas K. Galvin
Dr. Andrew C. Gillis
Dr. Standish McCleary

MERCY HOSPITAL STAFF

SURGICAL DIVISION

Alexius McGlannan, A.M., M.D.
W. D. Wise, M.D.
C. F. Blake, M.D.
Elliott Hutchins, M.D.
A. M. Evans, M.D.
F. L. Jennings, M.D.

Associate Surgeons

R. H. Locher, M.D.
T. R. Chambers, M.D.
I. O. Ridgley, M.D.
N. C. Marvel, M.D.
D. J. Pessagno, M.D.

Assistant Surgeons

Charles Maxson, M.D.
A. B. McElwain, M.D.
T. J. Touhey, M.D.
Dwight Mohr, M.D.
H. F. Bongardt, M.D.
J. W. Nelson, M.D.

Ophthalmologists and Otologists

Harry Friedenwald, M.D.

Associates

H. K. Fleck, M.D.
J. W. Downey, M.D.

Rhinologists and Laryngologists

Frank D. Sanger, M.D.
W. F. Zinn, M.D.
George W. Mitchell, M.D.
Raymond McKenzie, M.D.

Associates

F. A. Pacienza, M.D.
Burkhead McGowan, M.D.

Proctologist

Charles F. Blake, M.D.

Orthopaedic Surgeon

Albertus Cotton, M.D.

Associate

H. L. Rogers, M.D.

Urologist

Alexander J. Gillis, M.D.

Associate

Kenneth B. Legge, M.D.

Dentists

John Frederick, D.D.S.
J. D. Fusco, D.D.S.

MEDICAL DIVISION

Physicians

Maurice C. Pincoffs, M.D.
Standish McCleary, M.D.
Cary B. Gamble, M.D.
Harvey G. Beck, M.D.

Associates

Hubert C. Knapp, M.D.
C. C. W. Judd, M.D.
H. R. Peters, M.D.
Bartus T. Baggott, M.D.
George McLean, M.D.
A. A. Sussman, M.D.
L. A. M. Krause, M.D.
John E. Legge, M.D.

Assistant Physicians

Wetherbee Fort, M.D.
J. S. Eastland, M.D.
J. M. Miller, M.D.
S. A. Tumminello. M.D.

Gastro-Enterologist

Julius Friedenwald, M.D.

Associates

T. Frederick Leitz, M.D.
Theodore Morrison, M.D.

Assistants

Maurice Feldman, M.D.
Joseph Sindler, M.D.

Pediatricians

John Ruhrah, M.D.
Edgar B. Friedenwald, M.D.

Associate Pediatrician

F. B. Smith, M.D.

Assistant Pediatrician

W. F. Schmitz, M.D.

Neurologist and Psychiatrist

Andrew C. Gillis, M.D.

Associate

Milford Levy, M.D.

Dermatologist

Melvin Rosenthal, M.D.

OBSTETRICAL DIVISION

Charles E. Brack, M.D.	E. P. Smith, M.D.
A. Samuels, M.D.	J. J. Erwin, M.D.
W. S. Gardner, M.D.	T. K. Galvin, M.D.
G. A. Strauss, M.D.	E. S. Edlavitch, M.D.

GYNECOLOGICAL DIVISION

Gynecologists

William S. Gardner, M.D.
Abraham Samuels, M.D.
George A. Strauss, M.D.
E. P. Smith, M.D.
T. K. Galvin, M.D.

Associate

J. J. Erwin, M.D.

Assistants

E. S. Edlavitch, M.D.
Frank K. Morris, M.D.

PATHOLOGICAL DIVISION

Standish McCleary, M.D.
Hugh R. Spencer, M.D.

Clinical Pathologists

H. T. Collenberg
H. R. Peters, M.D.
Emil G. Schmidt, Ph.D.

Technicians

Sister M. Joan, Ph.G., R.N.
Anna Chenoweth, R.N.
Frances Donovan, R.N.

X-RAY DEPARTMENT

Radiographers

Albertus Cotton, M.D.
Harry L. Rogers, M.D.

Technician—Sister M. Antonia, R.N.

MERCY HOSPITAL RESIDENT STAFF

Resident Surgeon

Julius J. Leyko, M.D.

Assistant Resident Surgeons

J. T. McAndrew, M.D.

Eldred Roberts, M. D.

Resident Physician

E. Eugene Covington, M.D.

Assistant Resident Physician

Earl R. Chambers, M.D.

Resident Gynecologist

Simon Brager, M.D.

Internes 1930-1931

C. M. Baumgartner, M.D.
M. D. Bonner, M.D.
P. E. Berry, M.D.
J. Howard Burns, M.D.
Jacob G. Fernan, M.D.
Julius Goodman, M.D.
G. Bowers Mansdorfer, M.D.
Jack D. Owens, M. D.
Joseph J. Smith, M. D.
Horace G. Strickland, M.D.
W. Merle Warman, M.D.
Ralph F. Young, M.D.

DISPENSARY STAFF OF MERCY HOSPITAL

Surgery Supervisors

A. M. Evans, M.D.
N. C. Marvel, M.D.
H. F. Bongardt, M.D.

Attending Surgeons

D. H. Mohr, M.D.
I. O. Ridgley, M.D.
John O'Connor, M.D.
H. F. Bongardt, M.D.
T. J. Touhey, M.D.
J. W. Nelson, M.D.

Genito-Urinary Surgery

A. J. Gillis, M.D.
K. B. Legge, M.D.

Orthopaedic Surgery

Albertus Cotton, M.D.
Harry L. Rogers, M.D.
I. H. Maseritz, M.D.

Medicine Supervisor

M. C. Pincoffs, M.D.

Attending Physicians

A. A. Sussman, M.D., *Chief of Clinic*
J. M. Miller, M.D.
S. Snyder, M.D.
S. A. Tumminello, M.D.

Cardiovascular Diseases

A. A. Sussman, M.D., *Chief of Clinic*

Diseases of the Lungs

S. Snyder, M.D., *Chief of Clinic*

Diseases of Metabolism

J. S. Eastland, M.D., *Chief of Clinic*

Allergic Diseases

H. M. Bubert, M.D., *Chief of Clinic*
S. Snyder, M.D.

Diseases of Stomach

Supervisor, JULIUS FRIEDENWALD, M.D.

Attending Physicians

T. FREDERICK LEITZ, M.D.
M. FELDMAN, M.D.
THEODORE H. MORRISON, M.D.
JOSEPH SINDLER, M.D.
I. I. LEVY, M.D.

Esophagoscopist

W. F. ZINN, M.D.

Nervous Diseases

Supervisor, A. C. GILLIS, M.D.

Attending Physicians

MILFORD LEVY, M.D.
ROBERT HODES, M.D.

Pediatrics

Supervisor, EDGAR B. FRIEDENWALD, M.D.
Attending Physician, W. J. SCHMITZ, M.D.

Diseases of Women

Supervisors

W. S. GARDNER, M.D.
A. SAMUELS, M.D.

Attending Surgeons

E. P. SMITH, M.D.
J. J. ERWIN, M.D.
T. K. GALVIN, M.D.
C. F. J. COUGHLIN, M.D.
E. EDLAVITCH, M.D.

Diseases of Nose and Throat

W. F. ZINN, M.D.
F. A. PACIENZA, M.D.
R. F. MCKENZIE, M.D.
LOUIS SMALL, M.D.
B. MCGOWAN, M.D.

Diseases of Eye and Ear

H. F. FLECK, M.D.
J. I. KEMLER, M.D.
M. RASKIN, M.D.
F. A. PACIENZA, M.D.
BERNARD WESS, M. D.

Dermatology

MELVIN ROSENTHAL, M.D.

Social Service Department

SISTER M. HELEN, R.N.
VIRGINIA JUDGE

MERCY HOSPITAL DISPENSARY

	OLD	NEW	TOTAL
Surgical	1,962	802	2,764
Medical	1,537	902	2,439
Gynecological	511	258	769
Eye and Ear	372	251	623
Nose and Throat	547	473	1,020
Neurological	208	94	302
Children	232	197	429
Gastro-Intestinal	580	111	691
Dental	80	81	161
Rectal	77	45	122
Orthopedic	788	314	1,102
Skin	332	194	526
Genito-Urinary	2,889	514	3,403
Roentgenology			355
Totals	10,115	4,236	14,706

OTHER CLINICAL FACILITIES

THE BALTIMORE CITY HOSPITALS

The clinical advantages of the University have been largely increased by the liberal decision of the Board of Supervisors of City Charities to allow the immense material of these hospitals to be used for the purpose of medical education. There are daily visits and clinics in medicine and surgery by the Staff of the Hospitals. The autopsy material is unsurpassed in this country in amount, thoroughness of study, and the use made of it in medical teaching.

The Baltimore City Hospitals consist of the following separate hospitals:

The General Hospital, 204 beds.
The Hospital for Chronic Cases, 364 beds.
The Hospital for Tuberculosis, 177 beds.
The Psychopathic Hospital, 325 beds.
Infirmary (Home for Aged), 854 beds.

STAFF OF THE BALTIMORE CITY HOSPITALS
VISITING STAFF

Thomas R. Boggs, S.B., M.D., *Physician-in-Chief.*
Arthur M. Shipley, Sc.D., M.D., *Surgeon-in-Chief.*
T. Bayron Aycock, M.D., *Assistant Surgeon.*
C. C. Habliston, M.D., *Physician-in-Chief to the Tuberculosis Hospital.*
Harry Goldsmith, M.D., *Physician-in-Chief, Psychopathic Hospital.*
Wiley D. Forbus, A.B., M.D., *Visiting Pathologist.*
George H. Rumsberg, M.D., *Resident Pathologist.*

CONSULTING STAFF

Gynecologists
R. G. Willse, M.D.
J. Mason Hundley, Jr., M.A., M.D.

Urologist
W. H. Toulson, A.B., M.D.

Laryngologists
H. R. Slack, M.D.
E. A. Looper, M.D.
W. F. Zinn, M.D.
Franklin B. Anderson, M.D.

Pediatrician
Lawson Wilkins, M.D.

Neurological Surgeon
Charles Bagley, M.D.

Psychiatrists
Henry J. Berkley, M.D.

Orthopaedist
H. L. Wheeler, M.D.

Proctologist
Lewis J. Rosenthal, M.D.

Assisting Visiting Physician
Charles R. Austrian, M.D.

Assistant Visiting Surgeons
Frank S. Lynn, M.D.
C. A. Reifschneider, M.D.
E. M. Hanrahan, A.B., M.D.

Assistant Neurologist
Charles D. Ryan, M.D.

Assistant Physician—Tuberculosis
Henry C. Smith, M.D.

Ophthalmologist
Cecil Bagley, M.D.

Obstetrician
Louis H. Douglas, M.D.

Dermatologist
Isaac R. Pels, M.D.

Roentgenologist
John W. Preisen, M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution contains 62 beds for the active treatment of orthopaedic conditions. A new modern hospital building has just been constructed with every facility for operating and physiotherapy for bone and joint cases. It is situated just within the northwestern city limits on a large estate of 75 acres at Hillsdale.

The hospital has endowed beds, private beds and beds supported by the city and state. The location is ideal for the treatment of bone and joint conditions of all characters in children having all the advantages of country air and sunshine, together with easy access from the city.

The Children's Orthopaedic Dispensary at University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physiotherapy department is very well equipped with modern apparatus and trained personnel.

STAFF

Surgeon-in-Chief and Medical Director

Robert W. Johnson, Jr., A.B., M.D.

Attending Orthopaedic Surgeon

Albertus Cotton, A.M., M.D.

Associate Orthopaedic Surgeons

Moses Gellman, B.S., M.D.
Harry L. Rogers, M.D.
W. A. Simpson, A.B., M.D.

Consulting Surgeons

J. M. T. Finney, A.B., M.D., D.S.M., F.R.C.S. (Eng. Ire.) Hon.
Arthur M. Shipley, Sc.D., M.D.

Plastic Surgeon

John Staige Davis, B.Sc., M.D.

Neuro-Surgeon

Charles Bagley, Jr., A.B., M.D.

Consulting Oculist and Aurist

Hiram Woods, A.B., M.D., LL.D.

Oculist and Aurist

William Tarun, M.D.

Laryngologist

Edward A. Looper, M.D.

Assistant Laryngologists

F. B. Anderson, M.D.
Everett L. Bishop, M.D.
Allen Holden, M.D.
Marshall P. Byerly, M.D.

Dentists

J. B. Bell, D.D.S.
C. Merle Dixon, Jr., D.D.S.

Consulting Physicians

Lewellys F. Barker, A.B., M.D.
Thomas B. Futcher, A.B., M.D.
Thomas R. Brown, A.B., M.D.
William S. Thayer, A.B., M.D.

Pediatrist

Benjamin Tappan, A.B., M.D.

Dermatologist

John R. Abercrombie, A.B., M.D.

Pathologist

Sydney M. Cone, A.B., M.D.

Attending Pathologist

Howard J. Maldeis, M.D.

Neurologist

Irving J. Spear, M.D.

Head Nurse

Miss Grace Lovell Elgin, R.N.

Dispensary and Social Service Nurse

Miss Mabel S. Brown, R.N.

Physiotherapists, Masseuses and Instructors in Corrective Gymnastics

Miss Anita Renshaw Presstman
Miss Elizabeth Emory
Mrs. Georgiana Wisong
Miss Florence Grape

Roentgenologists

Albertus Cotton, A.M., M.D.
Henry J. Walton, M.D.
Mrs. Georgiana Wisong

Instructors in Grammar School

Miss Mary H. Lee, *Principal*
Miss Mary Sampson, *Assistant*

Superintendent and Business Manager

Mrs. M. E. Lane

ST. VINCENT'S INFANT ASYLUM

The facilities of this institution, containing 250 infants and children, have been kindly extended to the University of Maryland by the Sisters of Charity. This large clinic enables this school to present to its students liberal opportunities for the study of diseases of infants and children.

STAFF

Obstetrician

Dr. L. H. Douglass

Pediatricians

Dr. W. C. Bacon
Dr. C. R. Goldsborough
Dr. Clewell Howell
Dr. C. L. Joslin

Surgeon

Dr. N. Winslow

Dermatologist

Dr. J. A. Buchness

Oculists

Dr. C. A. Clapp
Dr. F. B. Anderson

Orthopaedic Surgeon

Dr. H. L. Wheeler

Physician

Dr. C. P. Clautice

Epidemiologist

Dr. M. E. Ballard

LIBRARIES

The University Library, founded in 1813 by the purchase of the collection of Dr. John Crawford, now contains 31,844 volumes, a file of 76 current (medical) journals, and several thousand pamphlets and reprints. It is well stocked with recent literature, including books and periodicals of general interest. The home of the Library is Davidge Hall, a comfortable and commodious building in close proximity to the classrooms and the Laboratories of the Medical Department. The Library is open daily during the year, except in August, for use of members of the Faculty, the students, and the profession generally.

The Library of the Medical and Chirurgical Faculty of Maryland, containing 60,000 volumes, is open to the students of the school. The leading medical publications of the world are received by the Library, and complete sets of many journals are available. Other Libraries of Baltimore are the Peabody (230,000 volumes) and the Enoch Pratt Free Library (598,265 volumes).

All these Libraries are open to the students of the school without charge.

ORGANIZATION OF THE CURRICULUM

The following curriculum is the result of a thorough revision of teaching in this school in order to meet modern requirements. The multiplication of specialties in medicine and surgery necessitates a very crowded course and the introduction of electives will very soon be depended on to solve some of the difficulties.

The curriculum is organized under eleven departments:

1. Anatomy (including Histology and Embryology).
2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology and Otology.

The instruction is given in four years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures and functions of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in Medicine and Surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the needs of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF ANATOMY, INCLUDING HISTOLOGY AND EMBRYOLOGY

C. L. Davis, M.D.	Professor of Anatomy
Eduard Uhlenhuth, Ph.D.	Associate Professor of Anatomy
John F. Lutz, M.D.	Instructor in Histology
Frank H. Figge, B.S.	Assistant in Anatomy
Thomas B. Aycock, M.D.	Assistant in Anatomy
Monte Edwards, M.D.	Assistant in Anatomy
Joseph Pokorny, M.D.	Assistant in Histology
J. Hulla, M.D.	Assistant in Histology
R. W. Johnson, M.D.	Assistant in Histology

Gross Anatomy. *First Year.* Four to five hours every day for approximately 20 weeks. The entire course centers around the dissection of the human body. Each student is given opportunity to dissect an entire half (left or right) of the body. The dissection is supplemented by lectures and informal discussions. (One lecture a week for five weeks.)

Anatomy is taught as an independent science, emphasis being laid on the human species as contrasted to animal morphology. An attempt is made to familiarize the student with the elements of anthropometry, with systematic and regional anatomy, with the principles of topographical anatomy and with osteology.

The actual dissection is preceded by a general examination of the body surface and superficial organs. Opportunity is provided for taking representative measurements of the head, face, trunk and limbs and of acquiring a knowledge of using anthropometric instruments. Throughout the dissection the student is encouraged to take measurements and weights of all the major organs, including the brain and the endocrine organs, and to obtain a knowledge of the proportions of each organ to the body as a whole as well as to the variability of these proportions.

The dissection is undertaken in relation to topographical regions of the body, but systematic relations are continuously emphasized and, wherever possible, brought out by actual dissection.

Osteology is taught in conjunction with the dissection of the muscles and the study of the functional mechanism of the skeleto-muscular apparatus. Each student is provided with a set of bones to aid him in his homework. A charge of $6 is made for each set, $4 of which is returned at the end of the year, while the remaining

$2 are used for the upkeep of old and the purchase of new skeletal material. Fifty complete and perfect skeletons of the whole body and about as many of the limbs are available for reference and special advanced work.

At the end of the course the entire work is reviewed in a series of lectures presenting the entire anatomical basis of the most representative physiological activities, such as respiration, secretion, digestion, endocrine activity, parturition, etc.

Second, Third and Fourth Years. Opportunity is provided for advanced special dissections and for research work in every branch of anatomy. Dr. Eduard Uhlenhuth.

Total assigned hours, Gross Anatomy 426.

Histology and Embryology

First Year. Lectures, recitations and laboratory work, twelve hours each week for sixteen weeks. Histology and embryology are taught as a common subject, the histogenesis of a part preceding its histological study. (Lectures 20 hours; Laboratory 162 hours.)

The most important part of the work will be done in the laboratory, where each student will be provided with apparatus, staining fluids and material necessary for the preparation of specimens for microscopical examination. An important aid to the course is the projection microscope and balopticon which are used for the projection upon a screen of magnified images of the specimens actually used in the laboratory, and of illustrations from standard textbooks.

Each student is provided with a loan collection of histological slides, for which a deposit of $10 is required. This deposit is refunded upon the return of the slides in a satisfactory condition. Dr. C. L. Davis and Dr. J. F. Lutz.

Neuro Anatomy

During the second semester 36 hours are devoted to an elementary course in Neuro Anatomy. The human brain is dissected and microscopical sections of representative levels of the brain stem studied. Laboratory talks and lantern slide demonstration supplement the students work, the entire course being based on an effort to familiarize the student with the structure of the central nervous system as applied to its physiology. Dr. Carl L. Davis. (Lectures 12 hours; Laboratory 24 hours.)

Graduate Courses

Anat. 101 *f.* (*Minor*). Human Gross Anatomy (10)—Five lectures, eighteen laboratory hours during October, November, December and January; three lectures and fifteen laboratory hours during February.

A complete dissection of the human body (exclusive of the central nervous system). Dr. Uhlenhuth and Dr. Aycock.

Anat. 102 *f.* (*Minor*). Mammalian Histology (6) One lecture, 11 laboratories.

A general survey of the histological structure of the organs of mammals and man. Opportunity is offered for examining and studying a complete collection of microscopical sections. Dr. Davis and Dr. Lutz.

Anat. 103 *s.* (*Minor*). Human Neurology (2)—3 lectures, 6 laboratory hours during May.

An elementary study of the human central nervous system.

This course is an introduction to the general structure of the central nervous system mainly directed towards the fibre tracts and the nuclei contained therein. It includes a brief study of the eye and the internal ear. The laboratory work is based on a systematic dissection of the human brain. Dr. Davis and Dr. Rubenstein.

Anat. 204 *s.* (*Major*). Advanced Neurology (4)—2 lectures, 4 laboratory hours April 1st to May 30th.

This is intended to amplify the minor course in neurology especially with reference to the anatomical structure and relations to the cranial nerves, and is essential to more advanced study in neurology. It consists essentially of a study of the brain stem. The laboratory work acquaints the student with the subject through the medium of appropriately prepared microscopic sections of the human brain stem. Neurology 103 s. or its equivalent is a prerequisite for this course. Dr. Davis.

Anat. 205 *f. and s.* (*Major*). For work leading to a Ph. D. in Anatomy. A study of neurological problems based on 103 s. and 204 s. Only students who have had preceding courses in neurology are eligible for this work. Dr. Davis.

Anat. 205 *s.* (*Major*). Comparative Morphology of the Endocrine Glands (at least 2) 1 lecture, 2 laboratory hours.

With the aid of preparations the comparative anatomy, histology and cytology of the endocrines of the vertebrates, including man, are studied. In addition the student is required to make a number of preparations.

It is intended to give the student appreciation of the structural basis of the physiological activity of the endocrine glands and of the gradual building up of the endocrine system during phylogenetic development from the lower vertebrates to man, making it possible to see the variations in the endocrines of higher vertebrates in the light of the phylogenetic potentiality of these organs. Dr. Uhlenhuth and Mr. Figge.

Anat. 207 *f. and s.* (*Major*). Advanced Endocrinology. (Credit and time dependent upon the student's qualifications.)

A study of the morphological equivalent of function. By means of proper experimentation the morphological responses of the endocrines to extrinsic and intrinsic factors are examined. This course will lead the student toward work for the Ph. D. in Anatomy. Dr. Uhlenhuth.

DEPARTMENT OF PHYSIOLOGY

Ferdinand A. Ries, M.D.	Associate Professor of Physiology and Acting Head of the Department
Charles C. Conser, M.D	Associate Professor of Physiology
O. G. Harne, A.B	Associate in Physiology

First Year. Lectures, laboratory and recitations in physiology are given the last eight weeks of the first year. The physiology of the muscle and nerve, of the central nervous system and of digestion and secretion is taken up in lectures and laboratory.

Second Year. A continuation of the first year course. The work consists of lectures and laboratory work on blood, circulation, internal secretions, special senses, respiration and metabolism.

Summary	First Year	Second Year
Lectures and recitation	37 hours	72 hours
Laboratory	64 hours	87 hours
Total	101 hours	159 hours

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Frank W. Hachtel, M.D	Professor of Bacteriology
J. A. F. Pfeiffer, M.D	Instructor in Bacteriology
Henry F. Buettner, M.D	Instructor in Bacteriology
H. E. Levin, M.D	Assistant in Bacteriology

Instruction in bacteriology is given in the laboratory to the students of the second year during the first semester. This includes the various methods of preparation and sterilization of culture media, the study of pathogenic bacteria and the bacteriological examination of water and milk. The bacteriological diagnosis of the communicable diseases is also included in this course. Animal inoculations are made in connection with the bacteria studied. The most important protozoa are also studied in the laboratory. The principles of general bacteriology are taught by quiz, conference and lecture.

The principles of immunology are presented by means of quizzes, conferences and lectures to the second-year class throughout the second semester, and practical experiments are carried out by the class in laboratory sessions of three hours each, held two days a week for sixteen weeks. There is one lecture period a week during the second semester.

Lectures and recitations	16 hours
Laboratory	128 hours
Total	144 hours

DEPARTMENT OF BIOLOGICAL CHEMISTRY

H. Boyd Wylie, M.D	Professor of Biological Chemistry
Frank N. Ogden, M.D	Associate in Biological Chemistry
Emil G. Schmidt, Ph. D	Associate in Biological Chemistry
Ruth F. Carr, B.S	Assistant in Biological Chemistry

This course is designed to present the fundamental concepts of Biological Chemistry. The principal constituents and the phenomena of living matter are discussed in the lectures and studied in the laboratory. Training is afforded in routine biochemical methods of investigation.

Lectures	76 hours,
Conferences	20 hours,
Laboratory	120 hours.

PHARMACOLOGY AND MATERIA MEDICA

William Henry Schultz, Ph.B., Ph.D	Professor of Pharmacology
John M. Haynes, B.A., M.A	Instructor in Pharmacology
Ruth Musser, B.A	Instructor in Pharmacology
Joseph Millett, Ph.G., Ph.C., B.S	Assistant in Pharmacology
William Glenn Harne	Demonstrator in Pharmacology

1. MATERIA MEDICA AND PHARMACOLOGY. The prerequisites to this and the following courses in pharmacology are college chemistry, pharmaceutical and biological chemistry. Special courses in physical and colloidal chemistry are highly recommended.

2. SYSTEMATIC PHARMACOLOGY. Second year. In teaching medical students the aim is to attain a mean between that which has a purely scientific bearing and that dominantly practical, so that both a critical attitude toward drugs and an understanding of the principles of dosage may be acquired. This is accomplished by lectures, quizzes, conferences and the following course of laboratory exercises.

3. PHARMACODYNAMICS. Second Year. This laboratory course runs parallel with Pharmacology 2.

In the first part of the course the experiments are upon normal animals (anaesthetised). Special emphasis is laid upon technic and upon the student's ability to record and properly analyze the results.

The second half of the course partakes more of the character of experimental medicine. Pathological animals are treated with chemotherapeutic agents and the toxicity of the drug for the host and for the parasite are studied. Students who by this time have demonstrated ability and initiative are encouraged to do intensive work along lines of special interest.

4. PHARMACOLOGY OF GENERAL AND LOCAL ANESTHETICS AND SOPORIFICS. Four weeks, three lectures, three laboratory periods a week. This is a special course designed to meet the needs of physician and graduate nurse who wish to acquire a knowledge of the more recent developments in the pharmacology of depressant and sleep-producing drugs. The course is so arranged that those properly qualified may continmue the work under expert anesthetists in the wards of the hospitals connected with the university. Professor Schultz.

Properly qualified students may be admitted, at the discretion of the head of the Department, to work outlined under graduate courses.

Materia Medica and Prescription Writing	
Lectures	20 hours
Conferences	10 hours
Laboratory	30 hours
Pharmacology	
Lectures	40 hours
Conferences	25 hours
Laboratory	102 hours

Graduate Courses

All students majoring in Pharmacology with a view to securing the degree of Master of Arts or Doctor of Philosophy should secure special training in Mammalian Physiology, Organic Chemistry 202 y, and Physical Chemistry 10 y or preferably 102 f.

Pharmacology 108 *f. and s.* (*Minor*). General Pharmacology (7), 3 lectures, 7 laboratory (January to May inclusive).

This course consists of 50 lectures and 40 laboratory periods of three hours each; offered each year, January to May inclusive, at Medical School. The fundamental principles of pharmacologic technic are taught in this course, hence it is a prerequisite for all other advanced courses in this subject. Dr. Schultz.

Pharmacology 209 *f.* (*Major*). The Pharmacology of Biologic Products.

This course involves problems of modern therapy that can be studied from the experimental physiological point of view, which includes such subjects as anaphylaxis, allergic reactions, anaphylactoid phenomena, non-specific protein therapy, toxins, antitoxins, and glandular products.

The seminars, lectures, and demonstrations will be somewhat broad in scope, but the research will be intensive along some one chosen subject.

Offered in alternate years beginning with 1930. Credit dependent upon quality of work. Dr. Schultz.

Pharmacology 210 *f.* (*Major*). The pharmacology of industrial poisons, including insecticides and parasite remedies. The nature of the subject matter of this course will vary from year to year. Credit will depend upon the amount and quality of the work accomplished.

Offered in alternate years beginning in 1931. Dr. Schultz.

Pharmacology 211 *f.* (*Major*). Chemotherapy.

The action of new synthetic compounds from a pharmacodynamic point of view. Credit will depend upon the amount and quality of the work accomplished. Dr. Schultz.

Pharmacology 212 *f. and s.* (*Major*). Pharmacology Seminar—One report period each week.

DEPARTMENT OF PATHOLOGY

Hugh R. Spencer, M.D.	Professor of Pathology
Standish McCleary, M.D.	Professor of Pathology
Sydney M. Cone, M.D.	Associate Professor of Pathology
Robert B. Wright, M.D.	Assistant Professor of Pathology
Albert E. Goldstein, M.D.	Associate in Pathology
Walter C. Merkle, M.D.	Associate in Pathology
M. Alexander Novey, M.D.	Instructor in Pathology
Wm. S. Love, M.D.	Instructor in Pathology
Howard M. Bubert, M.D.	Instructor in Pathology
Leon Freedom, M.D.	Instructor in Pathology
M. H. Goodman, M.D.	Instructor in Pathology
C. Gardner Warner, M.D.	Instructor in Pathology
Benjamin Abeshouse, M.D.	Instructor in Pathology
George H. Rumberg, M.D.	Assistant in Pathology
W. R. Johnson, M.D.	Assistant in Pathology

Courses of instruction in Pathology are given during the second and third years. These courses are based on previous study of normal structure and function and aim to outline the natural history of disease. Instruction is made as practical as possible that the student may become familiar with the appearance of tissues in disease and may be able to correlate anatomical lesions with clinical symptoms and signs.

1. General Pathology. (*Second Year.*) This course includes the study and demonstration of disturbances of the body fluids, disturbances of structure, nutrition and metabolism of cells, disturbances of fat, carbohydrate and protein metabolism, disturbances in pigment metabolism, inflammation and tumors.

2. Applied Pathology. Including Gross Morbid Anatomy and Morbid Physiology. (*Third Year.*) In this course the special relation of lesions to clinical symptoms and signs is emphasized.

In the laboratory the class is divided into groups for the study of classified autopsy material.

3. AUTOPSIES (*Third Year.*) Small groups of students attend autopsies at the morgues of the University Hospital and Baltimore City Hospital. They are required to assist and to prepare protocols.

4. CLINICAL PATHOLOGY CONFERENCE. (*Fourth Year.*) In collaboration with the Department of Medicine. Material from autopsies is studied with reference to the correlation of the clinical aspects with the pathological findings.

5. ADVANCED WORK IN PATHOLOGY. Properly qualified students will be permitted to carry out advanced or research work along the lines of experimental pathology.

SUMMARY

Second Year	
Lectures	60 hours
Laboratory	150 hours
Third Year	
Lectures	60 hours
Laboratory	120 hours

DEPARTMENT OF MEDICINE

Maurice C. Pincoffs, B.S., M.D.	Professor of Medicine
Gordon Wilson, M.D.	Professor of Medicine
Standish McCleary, M.D.	Professor of Pathology and Clinical Medicine
Jos. E. Gichner, M.D.	Professor of Clinical Medicine and Physical Therapeutics
G. Carroll Lockard, M.D.	Professor of Clinical Medicine
Harvey G. Beck, Sc.D., M.D.	Professor of Clinical Medicine
Paul W. Clough, B.S., M.D.	Associate Professor of Medicine
C. C. W. Judd, A.B., M.D.	Associate Professor of Medicine
Sydney R. Miller, M.D.	Associate Professor of Medicine
Walter A. Baetjer, A.B., M.D.	Associate Professor of Medicine
Harry M. Stein, M.D.	Associate Professor of Medicine
Wm. H. Smith, M.D.	Associate Professor of Clinical Medicine
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
S. Lloyd Johnson, M.D.	Assistant Professor of Medicine
John G. Huck, M.D.	Assistant Professor of Medicine
George McLean, M.D.	Assistant Professor of Medicine
C. C. Habliston, M.D.	Assistant Professor of Medicine
L. A. M. Krause, M.D.	Assistant Professor of Medicine
H. R. Peters, M.D.	Assistant Professor of Medicine
H. M. Bubert, M.D.	Associate in Medicine
W. S. Love, Jr., A.B., M.D.	Associate in Medicine
A. A. Sussman, M.D.	Associate in Medicine
William Michel, M.D.	Instructor in Medicine
M. G. Gichner, M.D.	Instructor in Medicine
William A. Strauss, M.D.	Instructor in Medicine
Henry Sheppard, M.D.	Instructor in Medicine
Wetherbee Fort, M.D.	Instructor in Medicine
J. S. Eastland, M.D.	Instructor in Medicine
R. Hooper Smith, M.D.	Assistant in Medicine
W. H. Woody, M.D.	Assistant in Medicine
Thomas C. Wolfe, M.D.	Assistant in Medicine
Henry C. Smith, M.D.	Assistant in Medicine
Nathaniel Beck, M.D.	Assistant in Medicine
Carl Benson, M.D.	Assistant in Medicine
F. S. Waesche, M.D.	Assistant in Medicine
A. Scagnetti, M.D.	Assistant in Medicine
David Tenner, M.D.	Assistant in Medicine

GENERAL OUTLINE

SECOND YEAR

Introduction to clinical medicine.

(a) Introductory physical diagnosis.
(1 hour a week, first semester.)
(2 hours a week, second semester.)

(b) Medical clinics.
(1 hour a week, first semester.)

THIRD YEAR

I. The methods of examination (13 hours a week).
(a) History taking.
(b) Physical diagnosis.
(c) Clinical pathology.

These subjects are taught and practiced in the out-patient department and in the clinical laboratory.

II. The principles of medicine (7 hours a week).
(a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics and preventive medicine.

III. The principles of therapeutics (2 hours a week).
Lectures and demonstrations in general therapeutics, physical therapeutics and materia medica.

FOURTH YEAR

The practice of medicine.

I. Clinical clerkship on the medical wards.
(26 hours a week for ten weeks.)
(a) Responsibility, under supervision, for the history, physical examination, laboratory examination and progress notes of assigned cases.
(b) Ward classes in general medicine, the medical specialties, and therapeutics.

II. Clinics in general medicine and the medical specialties.
(6 hours a week.)

III. Dispensary work in the medical specialties.

IV. Clinical pathological conferences (1 hour a week.)

Medical Dispensary Work

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two periods a week of two hours each in dispensary work.

The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Physical Diagnosis

Second Year. Didactic lectures and practical demonstrations in topographical anatomy and normal physical signs.

Third Year. The class is divided into small groups, and each section receives instruction for four hours a week for the entire session in the medical dispensaries of the hospitals. The large clinical material of the dispensaries and hospitals is utilized to give each student the opportunity to familiarize himself with the common types of bodily structure, with the normal variations in physical signs and with the physical signs of the chief pulmonary, circulatory and abdominal diseases.

Therapeutics

Third Year. General therapeutics and materia medica are taken up and an effort is made to familiarize the student with the practical treatment of disease. The special therapy of the chief diseases is then reviewed. Two hours a week. Dr. Lockard.

The principles of physical therapy are taught in a special lecture and demonstration course consisting of six one-hour periods. Dr. Gichner.

Fourth Year. Special consideration is given to the practical application of therapeutic principles in bedside teaching and the chief therapeutic methods are demonstrated.

Tuberculosis

During the third year in connection with the instruction in physical diagnosis a practical course is given weekly to sections of the class at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

Syphilis

Third Year. During the third year the subject of syphilis is dealt with in the lecture course.

Fourth Year. An elective course in the therapeutic management of syphilis is offered in the dispensary.

CLINICAL PATHOLOGY

John G. Huck, M.D.	Assistant Professor of Medicine Head of Department of Clinical Pathology
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
M. G. Gichner, M.D.	Instructor in Medicine
William A. Strauss, M.D.	Instructor in Medicine
R. Hooper Smith, M.D.	Assistant in Medicine

During the third year the student is thoroughly drilled in the technic of the usual clinical laboratory work, so that he is able to perform all routine examination which may be called for during his fourth year, in connection with the work in the wards and dispensary.

The practical work is supplemented by a series of didactic lectures and demonstrations in which the entire teaching staff of the department takes an active part. The microscopical and chemical study of blood, exudates and transudates, gastric juice, spinal fluid, feces and urine are successively taken up, and special attention directed to the clinical significance of the findings.

Clinical parasitology from the standpoint of the infecting agent and the carrier is given careful consideration.

The entire course is thoroughly practical. Each student has his own microscope and is provided with blood counters and hemoglobinometer for his exclusive use, and every two students with a special laboratory outfit for all routine purposes.

During the fourth year the student applies what he has learned during the preceding year in the laboratories of the various affiliated hospitals. He is also supplied with a laboratory outfit which is sufficiently complete to enable him to work independently of the general equipment. Special instructors are available during certain hours to give necessary assistance and advice.

Lectures	32 hours
Laboratory	96 hours

GASTRO-ENTEROLOGY

Julius Friedenwald, A.M., M.D.	Professor of Gastro-Enterology
T. Fred Leitz, M.D.	Clinical Professor of Gastro-Enterology
J. Harry Ullrich, M.D.	Associate Professor of Gastro-Enterology
Theodore H. Morrison, M.D.	Associate Professor of Gastro-Enterology
Maurice Feldman, M.D.	Assistant Professor of Gastro-Enterology
Zachariah Morgan, M.D.	Associate in Gastro-Enterology
Joseph Sindler, M.D.	Associate in Gastro-Enterology
M. S. Koppelman, M.D.	Instructor in Gastro-Enterology
N. J. Davidov, M.D.	Instructor in Gastro-Enterology
Isidore I. Levy, M.D.	Instructor in Gastro-Enterology
C. Vance Hooper, M.D.	Assistant in Gastro-Enterology
Aubrey C. Smoot, M.D.	Assistant in Gastro-Enterology

Fourth Year. Clinics, recitations and demonstrations to the class for one hour a week throughout the session. Dispensary instruction to small groups throughout the entire session. Practical instruction in the differential and clinical diagnosis and demonstrations of the newer methods of diagnosis in gastro-intestinal affections.

PSYCHIATRY

R. M. Chapman, M.D.	Professor of Psychiatry
H. S. Sullivan, M.D.	Associate Professor of Psychiatry
Lewis B. Hill, M.D.	Associate in Psychiatry
Harry Goldsmith, M.D.	Instructor in Psychiatry

Third Year. In the third year the student attends fifteen clinical lectures and five clinics which are designed to be introductory to the more intensive work in psychiatry in the fourth year.

Fourth Year. The class is divided into sections for clinical conferences on selected groups of cases. Each student may work for a short period as assistant in the Mental Hygiene Clinic, and thus gain practical experience of the problems of history-taking, examination, and the care of psychiatric patients.

PEDIATRICS

Edgar B. Friedenwald, M.D.	Professor of Clinical Pediatrics
C. Loring Joslin, M.D.	Professor of Clinical Pediatrics
John H. Traband, M.D.	Assistant Professor of Pediatrics
Clarence E. Macke, M.D.	Assistant Professor of Pediatrics
Albert Jaffe, M.D.	Assistant Professor of Pediatrics
William J. Todd, M.D.	Associate in Pediatrics
William G. Geyer, M.D.	Associate in Pediatrics
Clewell Howell, M.D.	Associate in Pediatrics
Samuel S. Glick, M.D.	Associate in Pediatrics
F. Stratner Orem, M.D.	Instructor in Pediatrics
Frederick B. Dart, M.D.	Instructor in Pediatrics
Frederick Smith, M.D.	Instructor in Pediatrics
R. M. Hening, M.D.	Instructor in Pediatrics
Marie Kovner, M.D.	Instructor in Pediatrics
M. N. Putterman, M.D.	Instructor in Pediatrics
A. H. Finkelstein, M.D.	Instructor in Pediatrics
T. Terry Burger, M.D.	Instructor in Pediatrics
W. T. Schmitz, M.D.	Assistant in Pediatrics
S. C. Feldman, M.D.	Assistant in Pediatrics
M. Paul Byerly, M.D.	Assistant in Pediatrics
Louis T. Lavy, M.D.	Assistant in Pediatrics
Henry Ginsberg, M.D.	Assistant in Pediatrics
Walter B. Johnson, M.D.	Assistant in Pediatrics

Third Year. Instruction during the third year consists of one lecture each week in which infant feeding and the most important diseases of infancy and childhood are especially emphasized. Drs. Joslin and Friedenwald.

Fourth Year. During this year a weekly clinical lecture is given where the character of disease is fully demonstrated and the students are afforded an opportunity for personal examination of all cases. In addition, ward classes are held weekly where bedside instruction is given. A section of the class also works daily at the Babies' and Children's Clinic. This clinic, which is under the direction of Dr. Joslin, has a yearly attendance of more than twenty thousand, and offers an excellent opportunity for study and observation of a wide variety of cases under competent instructors.

Instruction is also given on the Children's Ward at the Mercy Hospital.

NEUROLOGY

Irving J. Spear, M.D.	Professor of Neurology
Andrew C. Gillis, A.M., M.D., LL.D.	Professor of Neurology
G. M. Settle, A.B., M.D.,	Associate Professor of Neurology and Clinical Medicine
Benjamin Pushkin, M.D.	Associate Professor of Clinical Neurology
Milford Levy, M.D.	Assistant Professor of Neurology
Leon Freedom, M.D.	Associate in Neurology
Robert Hodes, M.D.	Instructor in Neurology

Third Year. Lectures and recitations one hour each week to the entire class. Instruction in clinical neurology two hours a week at the City Hospital to small groups. By means of didactic lectures and clinical conferences, there are considered the commoner types of diseases of the nervous system, the methods of neurological examination, and the relationship of signs and symptoms to pathological conditions. The material at the University and Mercy Hospitals is available.

Fourth Year. Clinical conference one hour each week to the entire class. This subject is taught at the University and Mercy Hospitals. All cases presented at these clinics are carefully examined; complete written records are made by the students who demonstrate the cases before the class. The cases are usually assigned one or two weeks before they are presented, and each student in the class must prepare one or more cases during the year.

Ward Class Instruction. In small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the cases in the wards under the supervision of the instructor.

Dispensary Instruction. Small sections are instructed in the dispensaries of the University and Mercy Hospitals four afternoons each week. In this way students are brought into contact with nervous diseases in their earlier as well as later manifestations.

HYGIENE AND PREVENTIVE MEDICINE

C. Hampson Jones, M.D., C.M.	Professor of Hygiene and Public Health
V. L. Ellicott, M.D.	Instructor in Hygiene and Public Health
M. G. Tull, M.D.	Instructor in Hygiene and Public Health

Third Year. Two lectures a week throughout the session. The lectures will encompass the fundamental subjects: air, water, soil, food, disposal of wastes, communicable diseases, state and federal public health laws, and industrial diseases. Small groups visit the Sydenham Hospital weekly and are given practical instruction in the diagnosis, treatment and isolation of the contagious diseases.

Fourth Year. Demonstrations and discussion of Health Department work with emphasis on those phases which concern the practicing physician. The class is divided into small groups, each group making five visits to the Health Department of one to one and a half hours each.

MEDICAL JURISPRUDENCE

H. J. Maldeis, M.D..........**Associate Professor of Medical Jurisprudence**
Baltimore City Post Mortem Physician

Fourth Year. One hour each week for one semester. (16 hours lecture.)

Inasmuch as Medical Jurisprudence teaches the application of every branch of medical knowledge to the needs of the law, civil or criminal, this course embraces the following: Proceedings in criminal and civil prosecution; medical evidence and testimony; identity in its general relations; sexual abnormalities; personal identity; impotence and sterility; rape; criminal abortions; signs of death; wounds in their medico-legal relations; death, natural and homicidal; malpractice; insanity and medico-legal autopsies

DEPARTMENT OF SURGERY

Arthur M. Shipley, Sc.D., M.D.	Professor of Surgery
Alexius McGlannan, A.M., M.D.	Professor of Surgery
Nathan Winslow, A.M., M.D.	Clinical Professor of Surgery
Page Edmunds, M.D.	Clinical Professor of Industrial Surgery
Walter D. Wise, M.D.	Clinical Professor of Surgery
Frank S. Lynn, M.D.	Clinical Professor of Surgery
Elliott H. Hutchins, A.M., M.D.	Clinical Professor of Surgery
Charles Reid Edwards, M.D.	Clinical Professor of Surgery
Thomas R. Chambers, A.M., M.D.	Associate Professor of Surgery
R. W. Locher, M.D.	Associate Professor of Clinical Surgery
A. M. Evans, M.D.	Associate Professor of Surgery
F. L. Jennings, M.D.	Associate Professor of Surgery
E. S. Johnson, M.D.	Associate Professor of Surgery
E. H. Hayward, M.D.	Associate in Surgery
C. A. Reifschneider, M.D.	Associate in Surgery
M. J. Hanna, M.D.	Associate in Surgery
H. M. Foster, M.D.	Associate in Surgery
D. J. Pessagno, M.D.	Associate in Surgery
C. F. Horine, M.D.	Associate in Surgery
I. O. Ridgley, M.D.	Instructor in Surgery
W. R. Johnson, M.D.	Instructor in Surgery
E. M. Hanrahan, A.B., M.D.	Instructor in Surgery
H. F. Bongardt, M.D.	Instructor in Surgery
Dwight Mohr, M.D.	Assistant in Surgery
Wm. R. Geraghty, M.D.	Assistant in Surgery
S. Demarco, M.D.	Assistant in Surgery
Clyde Marvel, M.D.	Assistant in Surgery
H. M. McElwain, M.D.	Assistant in Surgery
J. G. Onnen, M.D.	Assistant in Surgery
A. V. Buchness, M.D.	Assistant in Surgery
Karl J. Steinmueller, A.B., M.D.	Assistant in Surgery
Thomas B. Aycock, A.B., M.D.	Assistant in Surgery
Robert W. Johnson, M.D.	Assistant in Surgery
S. H. Culver, M.D.	Assistant in Surgery
T. J. Touhey, M.D.	Assistant in Surgery

The teaching is done in the Anatomical Laboratory and the dispensaries, wards, clinical laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

Instruction is given by means of lectures, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year, and continues throughout the third and fourth years.

Second Year

Topographic and Surgical Anatomy. The course is designed to bridge the gap between anatomy in the abstract, and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected when necessary to bring out outlines and relations of structures.

Didactic Lectures. Two hours a week for one semester, augmented by demonstrations with specimens, charts, and cross section. Dr. Hanna.

Laboratory. Twelve hours a week for 8 weeks. Dr. Hanna, assisted by Dr. Johnson.

Principles of Surgery. This course includes history-taking, records of physcial examinations and of operations and progress notes; the preparation of surgical dressings, suture materials and solutions. It includes inflammation, infections, ulcers, gangrene, fistulae and sinuses, hemorrhage, shock and tumors; the use of splints, bed frames, bone plates, bone grafts, etc., local anaesthesia and the preparation of patients for operations. Lectures and conferences. Two hours per week for one semester to the entire class. Dr. Edwards.

Third Year

General and Regional Surgery. Principles of surgery and general surgery, three hours a week throughout the year to the entire class, lectures, recitations and clinics. Drs. Shipley and Wise.

The class is divided into groups and receives instruction in history-taking, gross pathology, and surgical diagnosis—at the bedside and in the dead-house of the Baltimore City Hospitals. Drs. Shipley, Lynn, Reifschneider and Hanrahan.

Operative Surgery. Instruction is given in operative surgery upon the cadaver and on dogs. The class is divided into sections, and each section is given practical and individual work under the supervision of the instructors. Dr. Lynn, assisted by Drs. Winslow, Hayward, E. S. Johnson, Foster, Geraghty, Demarco, Horine, Pessagno, Onnen, W. R. Johnson, Steinmueller, Sigrist, Culver and R. W. Johnson.

Fractures and Dislocations. This course consists of instruction in the various forms of fractures, dislocations and their treatment. There is a regular schedule of didactic lectures, which is supplemented by practical demonstrations in diagnosis and treatment. This practical work is given at the Mercy, University and Baltimore City Hospitals. Drs. Lynn and Jennings.

Surgical Dispensary. Under supervision, the student takes the history, makes the physical examinations, attempts the diagnosis, and, as far as possible, carries out the treatment of the ambulatory surgical cases in the University and in the Mercy Hospitals. Mercy Hospital—Drs. Dwight Mohr, Ridgely, Touhey, Bongardt and McElwain. University Hospital—Drs. Lynn, Winslow, Edwards, E. S. Johnson and Foster.

Fourth Year

Clinics. A weekly clinic will be given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Dr. McGlannan. University Hospital—Dr. Shipley.

Surgical Pathology. A weekly exercise of one hour at Mercy Hospital for one semester, at which specimens from the operating-room and museum are studied in the gross and microscopically, in relation with the case history. Dr. McGlannan.

Industrial Surgery. Operative and post-operative treatment of accident cases, with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. Edmunds.

Clinical Clerkship. The personal study of assigned hospital patients, under supervision of the staffs of University and of Mercy Hospitals, history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

Ward Classes. Ward class instruction in small groups will consist of ward rounds; surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. McGlannan, Wise, Elliot Hutchins, Evans and Jennings. University Hospital—Drs. Shipley, Edmunds, Lynn and Edwards.

ANAESTHESIA

Second Year

Lectures on history of anaesthesia: Ancient and Modern. General physiology of anaesthesia. Special physiology of each anaesthetic agent. Different methods for producing general anaesthesia, with a detailed description of each. The selection of the anaesthetic and method best suited for its administration in particular cases. Difficulties and accidents during and following anaesthesia, their causes, prevention and control. Different methods of resuscitation. Blood pressure: Its significance and bearing on selection of the anaesthetic and use as a guide during anaesthesia.

Eight hours to the entire class. Drs. S. Griffith Davis and W. G. Queen.

Fourth Year

During the clinics and operations before small groups, each student will be required to observe the administration of anaesthetics and to keep a chart recording blood pressure, pulse and respiration under the direction of an instructor.

DERMATOLOGY

Melvin Rosenthal, M.D.	Professor of Dermatology
Harry M. Robinson, M.D.	Associate Professor of Dermatology
John R. Abercrombie, A.B., M.D.	Associate in Dermatology
Francis Ellis, A.B., M.D.	Instructor in Dermatology
A. C. Monninger, M.D.	Assistant in Dermatology
M. H. Goodman, A.B., M.D.	Assistant in Dermatology

Clinical conferences one hour each week to entire class. This course will consist of demonstrations of the common diseases of the skin.

Dispensary instruction, University Hospital, Mondays, Wednesdays and Fridays in the diagnosis and treatment of the common skin diseases. Drs. Abercrombie, Robinson and Gately. Dispensary instruction, Mercy Hospital. Dr. Rosenthal.

ORTHOPAEDIC SURGERY

Robert W. Johnson, Jr., A.B., M.D.	Professor of Orthopaedic Surgery
Albertus Cotton, A.M., M.D.	Professor of Orthopaedic Surgery
Compton Riely, M.D.	Clinical Professor of Orthopaedic Surgery

Harry L. Rogers, M.D.	Associate in Orthopaedic Surgery
Clement R. Monroe, M.D.	Instructor in Orthopaedic Surgery
W. A. Simpson, A.B., M.D.	Instructor in Orthopaedic Surgery
Clifford Lee Wilmoth, B.S., M.D.	Instructor in Orthopaedic Surgery
Moses Gellman, M.D.	Instructor in Orthopaedic Surgery
Raymond Lenhard, A.B., M.D.	Associate in Orthopaedic Surgery
I. H. Maseritz, M.D.	Assistant in Orthopaedic Surgery

In this course didactic, clinical, bedside and out-patient instruction is given. This instruction is provided in the University Hospital Amphitheatre, Mercy Hospital and Dispensary, Kernan Hospital and Industrial School for Crippled Children, at "Radnor Park" and in the Dispensary of the University Hospital.

Lectures or clinics are held at each of the hospitals named in town once a week. In addition, a weekly bedside clinic is held for small sections of the class at "Radnor Park" and Mercy Hospital. Daily teaching in the Dispensary is stressed.

The course covers instruction in the special methods of examination, pathology, diagnosis and treatment in this specialty.

A brief outline and demonstration is also given of the apparatus employed in Physiotherapy, Muscle Training and Corrective Gymnastics.

ROENTGENOLOGY

Henry J. Walton, M.D.	Professor of Roentgenology
Albertus Cotton, M.D.	Professor of Roentgenology
Eugene L. Flippin, M.D.	Instructor in Roentgenology

An effort is made to familiarize the student with the appearance of normal Roentgenograms, after which instruction is given in the interpretation of the more common pathological lesions seen on the X-ray films and fluroscopic screen. The history, physics and prac-

tical application of Roentgen Rays are alluded to, but not stressed. Weekly demonstrations are given to sections of the fourth year class.

DIATHERMY AND RADIUM THERAPY

Charles Reid Edwards, M.D.,
Clinical Professor of Surgery

Students are taken in groups and are taught the indications for the use of radium in the treatment of malignant and non-malignant conditions. The course also includes the use of diathermy in the treatment of disease.

DISEASES OF THE THROAT AND NOSE

Edward A. Looper, M. D......Professor of Diseases of the Throat and Nose
W. F. Zinn, M.D.......Clinical Professor of Diseases of the Throat and Nose
Franklin B. Anderson, M.D....Associate in Diseases of the Throat and Nose
R. F. McKenzie, M.D.........Instructor in Diseases of the Throat and Nose

Third Year. Instruction to entire class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly throughout the second semester by Dr. Looper.

Fourth Year. Dispensary instruction one and one-half hours daily, to small sections at the University and the Mercy Hospitals. The student is given opportunity to study, diagnose and treat practical cases under an instructor. Ward classes and clinical demonstrations are given one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

The Looper Clinic, recently established in the University Hospital for bronchoscopy and esophagoscopy, affords unusual opportunities for students to study diseases of the larynx, bronchus and esophagus. The clinic is open to students daily from 2 to 4 P. M., under direction of Dr. Looper.

GENITO-URINARY DISEASES

W. H. Toulson, A.B., M.Sc., M.D., Associate Professor of Genito-Urinary Diseases
A. J. Gillis, M.D............Associate Professor of Genito-Urinary Diseases
Harris Goldman, M.D................Associate in Genito-Urinary Diseases
Austin H. Wood, M.D..................Associate in Genito-Urinary Diseases
L. K. Fargo, M.D.....................Instructor in Genito-Urinary Diseases

L. J. Millan, M.D., ...Instructor in Genito-Urinary Diseases
K. D. Legge, M.D....................Instructor in Genito-Urinary Diseases
H. C. Knapp, M.D......................Assistant in Genito-Urinary Diseases
H. T. Collenberg, M.D.................Assistant in Genito-Urinary Diseases
J. H. Collison, M.D...................Assistant in Genito-Urinary Diseases
William Emrich, M.D................Assistant in Genito-Urinary Diseases

Third Year. Eight hours to the entire class. This course is a didactic one in the principles of Genito-Urinary Surgery. Dr. Toulson.

Fourth Year. The course includes urethroscopy, cystoscopy, ureter catheterization, renal functional tests, urography, urine cultures, etc. The teaching consists of clinics in the amphitheater, ward rounds, and attendance by members of the Senior class upon outpatients in the dispensary. The dispensary classes are carried on both at the Mercy and the University Hospital dispensaries. Every variety of venereal disease in here encountered. and this rich wealth of material is available for teaching purposes. In addition to this, a cystoscopic clinic is conducted in another part of the dispensary, where the students are given practical instruction in the modern diagnostic methods.

DISEASES OF THE COLON AND RECTUM

G. Milton Linthicum, A.M., M.D.,
Professor of Diseases of Rectum and Colon
Charles F. Blake, M.D.......Professor of Diseases of Rectum and Colon
J. Dawson Reeder, M.D.,
Associate Professor of Diseases of Rectum and Colon
L. J. Rosenthal, M.D.,
Associate Professor of Diseases of Rectum and Colon
Monte Edwards, M.D...........Associate in Diseases of Rectum and Colon

Third Year. Six hours to the entire class. This course is for instruction in the diseases of the colon, sigmoid flexture, rectum and anus, and will cover the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Linthicum.

The class is divided into sections for clinical instruction in the Baltimore City Hospitals. Dr. Linthicum.

Fourth Year. Ward and Dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope and examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Blake and Rosenthal. University Hospital—Drs. Linthicum and Reeder.

BRONCHOSCOPY AND ESOPHAGOSCOPY

Waitman F. Zinn, M.D.

Clinical Professor of Diseases of Throat and Nose

Clinical Lectures and Demonstrations once weekly at University and Mercy Hospitals.

Etiology, symptomatology, diagnosis and prophylaxis of foreign bodies in the air and food passages. Bronchoscopy as an aid in the diagnosis and treatment of diseases of the lungs. Bronchoscopy as an aid to the surgeon. Diseases of the trachea. Diseases of the esophagus. All the phases of these subjects that the general practitioner should know are demonstrated clinically.

OTOLOGY

J. W. Downey, M.D., Professor of Otology.

The course in Otology is planned to teach a practical knowledge of the anatomy and physiology of the ear, its proximity and relationship to the brain and other vital structures. The inflamatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology.

Third Year. The entire class is given instruction by means of talks, anatomical specimens and lantern slides.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery.

DEPARTMENT OF OBSTETRICS

J. M. H. Rowland, M.D.	Professor of Obstetrics
L. H. Douglass, M.D.	Professor of Clinical Obstetrics
Charles E. Brack, M.D.	Clinical Professor of Obstetrics
J. McF. Bergland, M.D.	Associate Professor of Obstetrics
E. P. Smith, M.D.	Associate in Obstetrics
Emil Novak, M.D.	Associate in Obstetrics
J. G. M. Reese, M.D.	Associate in Obstetrics
M. A. Novey, A.B., M.D.	Associate in Obstetrics
J. G. Murray, Jr., A.B., M.D.	Associate in Obstetrics
J. J. Erwin, M.D.	Instructor in Obstetrics
Isadore A. Siegel, A.B., M.D.	Instructor in Obstetrics
Maurice Shamer, M.D.	Assistant in Obstetrics

Third Year. Three lectures and recitations each week by Drs. Bergland, Novak, Murray, Douglass and Rowland to entire class. Manikin Work, Drs. Brack, Smith and Erwin to sections of class at Mercy Hospital, and Drs. Douglass, Siegel and Rowland at University Hospital.

Fourth Year. Clinical Conference. One hour each week. Drs. Rowland, Douglass and Murray.

Ward Classes. Six hours per week for five weeks to sections of class at University Hospital. Drs. Douglass, Reese and Novey.

Each member of the Senior class is required to deliver twelve women in their homes under supervision of the teaching and resident staff.

DEPARTMENT OF GYNECOLOGY

William S. Gardner, M.D.	Professor of Gynecology
Hugh Brent, M.D.	Associate Professor of Gynecology
Abraham Samuels, M.D.	Associate Professor of Gynecology
George A. Strauss, M.D.	Associate in Gynecology
R. G. Willse, M.D.	Associate in Gynecology
T. K. Galvin, M.D.	Associate in Gynecology
J. M. Hundley, Jr., M.D.	Associate in Gynecology
Leo Brady, M.D.	Associate in Gynecology

Third Year. Didactic Work. A course of thirty lectures and recitations.

Clinical Work. Six hours weekly for one trimester. In this course the student writes the clinical history of each patient in the ward, makes a general physical examination, including the blood and urine, before the patient is brought before the class. One student under supervision gives the anaesthetic, a pelvic examination is made by six students, and any operation required is then done before a section of the class small enough to see clearly what is being done and how it is done. On a subsequent day the whole group examines, microscopically, sections prepared from material removed from patients that have been before them.

DEPARTMENT OF OPHTHALMOLOGY

Clyde A. Clapp, M.D.	Professor of Ophthalmology
M Randolph Kahn, M.D.	Clinical Professor of Ophthalmology
H. K. Fleck, M.D.	Associate Professor of Ophthalmology
Joseph I. Kemler, M.D.	Associate in Ophthalmology
Henry F. Graff, A.B., M.D.	Assistant in Ophthalomolgy
A. Lloyd MacLean, M.D., C.M.	Assistant in Ophthalmology

Third Year. Second semester, Course in Diseases of the Eye by M. Randolph Kahn, consisting of lectures and demonstrations upon the commoner diseases of the eye and its appendages with demonstration of refractive errors. Section work weekly demonstrating the use of the Ophthalmoscope upon both the Artificial Eye and Patients.

Fourth Year. Clinics and Demonstrations in Diseases of the Eye, weekly, for one year. Dr. Clapp.

Course consists of demonstrations of both patients and lantern slides of the more common diseases of the eye and their relationship to general disease.

Weekly ward classes at both the University and City Hospitals during which the eye grounds of the various medical and surgical conditions are demonstrated, by Drs. Fleck, West, Kemler, and Graff.

Also daily demonstrations in the taking of histories, the diagnosis and treatment of the various conditions as seen in the dispensary.

Third Year	
Lectures	20 hours
Laboratory	10 hours
Fourth Year	
Lectures and demonstrations	26 hours
Clinical work	20 hours

THE HISTORY OF MEDICINE

JOHN RATHBONE OLIVER, A.B., M.D., Ph.D.

Professor of the History of Medicine

During the past year the lectures have been entirely devoted to the History of Medicine in the Eighteenth Century. Ten lectures in all were given. The first five were devoted to a general survey of Eighteenth Century medicine beginning with a description of the historical background of the period. The five remaining lectures were devoted to outstanding personalities in the Eighteenth Century such as the Hunters, Jenner, Auenbrugger, Lettson, Meade. Thanks to the cooperation of the official photographer to the Medical Museum in Washington and to the photographic department of our own medical school the lectures were illustrated with long series of slides. During 1930-1931, it is proposed to devote the entire time to the Nineteenth Century. After that the four years' circle of lectures will begin over again with early medicine, Egyptian, Assyrian, Greek and Roman.

SECOND YEAR SCHEDULE

FIRST SEMESTER, SESSION 1930-1931

Sept. 29, 1930 to Jan. 31, 1931

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9.00 to 10.00	*Physiology A. H.	Physiology A. H.	Physiology A. H.	Laboratory	Laboratory	No Classes Scheduled
10.00 to 11.00	Pharmacology A. H.	Pharmacology A. H.	Pharmacology A. H.	Physiology Section A	Physiology Section B	
11.00 to 12.00	Pathology A. H.	Pathology A. H.	Bacteriology A. H.	Pharmacology Section B	Pharmacology Section A	
12.00 to 12.30 P. M.	Lunch	Lunch	(12–1 P. M.) Lunch	Lunch	(12–1 P. M.) Lunch	
12.30 to 1.30	Laboratory Bacteriology	Laboratory Bacteriology	(1–2 P. M.) Medicine C. H.	(1–2 P. M.) Physiology L. B.	(1–2 P. M.) Physiology A. H.	
1.30 to 2.30			(2–4 P. M.) Laboratory Bacteriology	(2–4 P. M.) Laboratory Bacteriology	(2–4 P. M.) Physical Diagnosis Univ. Hosp. Disp	
2.30 to 5.30	Laboratory Physiology Section A Pharmacology Section B	Laboratory Physiology Section B Pharmacology Section A				

Mid-Year Examinations—Jan. 26 to Jan 31, 1931

SECOND YEAR SCHEDULE

SECOND SEMESTER, SESSION 1930-1931

Feb. 2 to May 30, 1931

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Surgery A. H.	Surgery A. H.	Immunology A. H.	Laboratory Pharmacology Section B	Laboratory Pharmacology Section A	
9.30 to 10.30	Pharmacology A. H.	Pharmacology A. H.	Pharmacology A. H.			(Feb.7-Mar.28) (10–11) Surgical Anatomy A. H.
10.30 to 11.30	Pathology A. H.	Pathology A. H.	Surgical Anatomy A. H.			
11.30 to 12.00	Lunch	Lunch	Lunch	Lunch	Lunch	(11–12) Surgery C. H.
P. M. 12.00 to 2.00	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	(12–1) Medical Clinic Amp.
2.00 to 3.00	(Mar. 2–May 23) Surgical Anatomy A. H.	Laboratory Immunology	Laboratory Immunology	(Mar. 9–May 23) Laboratory Surgical Anatomy	(Mar. 9–May 23) Laboratory Surgical Anatomy	
3.00 to 5.00	(Mar. 9–May 23) Laboratory Surgical Anatomy					

LOCATIONS OF LECTURE HALLS AND LABORATORIES:

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
L. B.—Law Building.

Laboratories:

Bacteriology—Sixth Floor, 32-34 S. Paca Street.
Immunology—Sixth Floor, 32-34 S. Paca Street.
Pathology—Third Floor, Dental Building, Lombard and Greene Streets.
Pharmacology—Second Floor, Gray Laboratory, Lombard and Greene Streets.
Physiology—First Floor, Gray Laboratory, Lombard and Greene Streets.
Surgical Anatomy—Third Floor, Gray Laboratory, Lomard and Greene Streets.
Amp.—Amphitheatre, University Hospital, Lombard and Greene Streets.
Univ. Hospital. Disp.—Dispensary, University Hospital, Lombard and Greene Streets.
*Physiology Course. Terminates January 24, 1931.

Final Examinations—May 25 to May 30, 1931

REQUIREMENTS FOR MATRICULATION

Admission to the course in medicine is by a completed Medical Student Certificate issued by the Registrar of the University of Maryland. This certificate is obtained from the Registrar on the basis of satisfactory educational credentials, and is essential for admission to any class.

The minimum requirements for the issuance of the Medical Student Certificate are:

(a) The completion of a standard four-year secondary school course or the equivalent, and, in addition, at least

(b) Two years or sixty semester hours of college credits, including chemistry, biology, physics and English.

Women are admitted to the School of Medicine of this University.

(A) SECONDARY SCHOOL REQUIREMENTS

Graduation from an accredited secondary school, after pursuing a four-year course (based upon an approved elementary school course), or its full equivalent as demonstrated by entrance examinations.

Total entrance units required, 15; prescribed, 9; elective, 6.

Prescribed (9 units): English (I, II, III, IV), 3 units; algebra to quadratics, 1 unit; plane geometry, 1 unit; foreign language, 2 units of one language; history, 1 unit; and science, 1 unit.

Elective (6 units), of which not more than 4 units in vocational subjects, (agriculture, commercial, home economics, shop, and drawing) will be accepted: Agriculture, astronomy, biology, botany, chemistry, civics, commercial, drawing, economics, general science, geology, history, home economics, languages, mathematics, physical geography, physics, zoology, or any other subject offered in a standard secondary school for which graduation credit is granted toward college or university entrance.

(B) DETAILS OF THE COLLEGE REQUIREMENT

a. The preliminary college course shall extend through two college sessions of at least thirty-two weeks each of actual instruction, including final examinations.

b. In excellence of teaching and in content, the work of this preliminary college course shall be equal to the work done in the freshman and sophomore years in standard colleges and universities.

c. This preliminary college course shall include courses in physics, chemistry biology, English and a modern foreign language, each course to embrace at least six, eight or twelve hours of work in each subject, as shown in the schedule following:

SCHEDULE OF SUBJECTS OF THE TWO-YEAR PREMEDICAL COLLEGE COURSE

Sixty Semester Hours Required

REQUIRED COURSES:	*Semester Hours*
Chemistry (a)	12
Physics (b)	8
Biology (c)	8
English Composition and Literature (d)	6
Modern Foreign Language	6

COURSES STRONGLY URGED:

Additional English
Comparative Vertebrate Anatomy
Psychology and Logic
Social Science
Mathematics
Quantitative Analysis, or other Advanced Chemistry

A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be of not less than fifty minutes' duration net, at least, two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

(a) CHEMISTRY. Twelve semester hours required of which at least eight semester hours must be in general inorganic chemistry, including four semester hours of laboratory work, and four semester hours in organic chemistry, including two semester hours of laboratory work. In the interpretation of this rule, work in qualitative analysis may be counted as general inorganic chemistry.

(b) PHYSICS. Eight semester hours required, of which at least two must be laboratory work. This course presupposes a knowledge of plane trigonometry.

(c) BIOLOGY. Eight semester hours required, of which four must be laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology, or by courses of four semester hours each in zoology and botany, but not by botany alone.

(d) English Composition and Literature. The usual introductory college course of six semester hours, or its equivalent, is required.

(e) Foreign Language: Six semester hours minimum requirement. A reading knowledge of a modern foreign language is very strongly urged. French and German have the closest bearing upon modern medical literature.

COMBINED COURSE IN ARTS AND MEDICINE

A combined seven years' curriculum is offered, leading to the degrees of Bachelor of Science and Doctor of Medicine. The first three years are taken in residence at College Park, and the last four years in Baltimore, at the School of Medicine. The premedical curriculum constitutes the first two years' work, and the third year follows a general outline of prescribed and elective courses approved by the chairman of the premedical committee and the Dean of the College of Arts and Sciences.

Upon the successful completion of the first year in the School of Medicine, and upon the recommendation of the Dean, the degree of Bachelor of Science may be conferred by the College of Arts and Sciences at College Park.

Students are urged to consider carefully the advantages this combination course offers over the minimum requirements of the two years. By completing three years the training may be gradually broadened by a wider latitude in the election of courses in the arts subjects.

POST-GRADUATE STUDENTS

Graduates in medicine desiring to take the work of the senior year without being candidates for the degree, and, therefore, without examination, may receive a certificate of attendance on completing the full course satisfactorily.

The requirements for graduates in medicine admitted to the fourth-year class as candidates for the degree of Doctor of Medicine are the same as those enforced against undergraduates admitted to advanced standing.

Summer Post-Graduate Courses—In a later number of the Bulletin detailed announcement will be made of the Post-Graduate Summer Courses.

RULES

1. All students are required to take the spring examinations unless excused by the Dean. No student will be permitted to advance from a lower to a higher class with conditions.
2. Should a student be required to repeat any year in the course, he must pay regular fees.

3. A student failing in final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and to take examination in such other branches as may be required should he again be permitted to enter the school as a candidate for graduation.

4. The general fitness of a candidate for graduation will be taken into consideration by the Faculty as well as the results of his examination.

5. All students entering the School of Medicine of the University of Maryland are required to provide themselves with microscopes of a satisfactory type.

A standard microscope of either Bausch & Lomb, Leitz, Spencer Lens or Zeiss make, fitted with the following attachments, will fill the requirements:

Triple nose piece
Wide aperture stage
Quick Screw condenser (Abbe)

10 x and 5 x Oculars
16mm. and 4mm. Objectives
1.9mm. 1.25 N.A. Oil Immersion Lens

All the above rules, as well as the fees stated below, relate to the year ending June 6th, 1931 only. The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the Faculty deem it expedient.

FEES

Matriculation fee (paid once)	$10.00
Tuition fee (each year) for residents of Maryland	350.00
Tuition fee (each year) for non-residents	500.00
Laboratory fee (each year)	25.00
Special and re-examination fee	5.00
Graduation fee	15.00

No fees are returnable.

The above fees apply to all students who matriculate in this institution in any class for the session beginning September 29, 1930.

All students, after proper certification, are required to register at the Registrar's Office. The last date of registration is October 4th, 1930.

Matriculation, laboratory and tuition fees for the first semester shall be paid at the time of registration, and for the second semester on or before February 7th, 1931.

Failure to meet these conditions will automatically debar the student from attendance on classes and other privileges of the University.

Students who fail to pay the tuition and other fees on or before the last day of registration for each term or semester, as stated in the catalogue, will be required to pay as an addition to the fees required the sum of Five ($5.00) Dollars, and if the payment so required shall not be paid before twenty (20) days from the beginning of said term of semester, the student's name shall be stricken from the rolls.

When offering checks in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection.

Students who are minors are considered to be resident students, if at the time of their registration their parents or guardians have been residents of this State for at least one year.

Adult students are considered to be resident students, if at the time of their first registration they have been residents of this State for at least one year.

The status of the residence of a student is determined at the time of his first registration in the University, and may not thereafter be changed by him unless, in the case of a minor, his parents or guardians move to and become legal residents of this State.

PRIZES AND SCHOLARSHIPS

FACULTY PRIZE

To stimulate study among the candidates for graduation, the Faculty offers a Gold Medal to the candidate who secures the highest average during the four years of his course. Certificates of Honor are awarded to the five candidates standing next highest.

DR. JOSE L. HIRSH MEMORIAL PRIZE

A prize of $50.00 is given each year by Mrs. David Myers as a memorial to the late Dr. Jose L. Hirsh, formerly Professor of

Pathology in this School, to the student in the third year who has done the most satisfactory work in Pathology during his second and third years.

DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of $25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in Genito-Urinary Surgery.

SCHOLARSHIPS

The Dr. Samuel Leon Frank Scholarship

(Value $125.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this University.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Medical Council "to a medical student of the University of Maryland, who in the judgment of said Faculty, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school, and no student may hold such scholarship for more than two years.

The Charles M. Hitchcock Scholarships

(Value $125.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the University.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University upon nomination by the Medical Council to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Faculty satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

The Randolph Winslow Scholarship

(Value $125.00)

This scholarship was established by Prof. Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Medical Council, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Medical Council that he is worthy of and in need of assistance."

The Dr. Leo Karlinsky Scholarship

(Value, $200.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of this University.

The scholarship is awarded to a second-year student who at the end of the first year passes the best examination in Anatomy, Histology, Embryology, Physiology and Biological Chemistry.

The University Scholarships

Two scholarships are awarded by the University: One to a student of the College of Arts and Sciences appointed by the President, to be held for only one year; the other, which entitles the holder to exemption from payment of the tuition fee of the year, is awarded annually by the Medical Council to a student of the Senior Class who presents to the Medical Council satisfactory evidence that he is of good moral character and is worthy of and in need of assistance to complete the course.

Frederica Gehrmann Scholarship

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and entitles the holder to exemption from payment of tuition fees. The scholarship is awarded to a third-year student who at the end of the second year passes the best practical examination in Anatomy, Physiology, Biological Chemistry, Pharmacology, Pathology, Immunology and Serology.

The Clarence and Genevra Warfield Scholarships

(Valuation, $300.00 each)

There are five scholarships established by the Regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships will be available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited or in a county selected by the Council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Council, the money advanced by the Regents shall be refunded.

Israel and Cecelia E. Cohen Scholarships

(Value, $250.00)

This scholarship was established by Miss Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in Medicine; preference is given to students of the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's interneship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the Council.

Daughters of Harmony Scholarship

(Value, $100.00)

This scholarship is given each year by the Daughters of Harmony as part payment of the tuition of a needy student of good character. He must be a member of the senior class and a bona fide resident of Baltimore He must be nominated by the Medical Council.

ANNUAL HOSPITAL APPOINTMENTS

On February 1st of each session the following annual appointments are made from among the graduates of the school:

TO THE UNIVERSITY HOSPITAL

Two Resident Surgeons
Two Resident Physicians
One Resident Gynecologist
Two Resident Obstetricians
Thirteen Junior Residents on a Rotating Service

A number of students are appointed each year, at the close of the session, as Clinical Assistants in the University Hospital for the summer months.

TO THE MERCY HOSPITAL

Chief Resident Physician
One Assistant Resident Physician
Chief Resident Surgeon
Five Assistant Resident Surgeons
One Resident Gynecologist
One Resident Obstetrician
Eight Junior Residents on a Rotating Service

NOTICE TO STUDENTS

The personal expenses of the students are at least as low in Baltimore as in any large city in the United States. The following estimates of a student's personal expenses for the academic year of eight months have been prepared by students, and are based upon actual experience. In addition to these the student must bear in mind the expenditure for a microscope.

Items	*Low*	*Average*	*Liberal*
Books	$50	$75	$100
College Incidentals	20	20	20
Board, eight months	200	250	275
Room rent	64	80	100
Clothing and laundry	50	80	150
All other expenses	25	50	75
Total	$409	$556	$720

Students will save time and expense upon their arrival in the city by going direct to the School of Medicine on the University grounds, N. E. Corner Lombard and Greene Streets, where the Secretary of Student Y. M. C. A., who may be found at his office on the premises, will furnish them with a list of comfortable and convenient boarding houses suitable to their means and wishes.

For further information, apply to

J. M. H. Rowland, M. D., *Dean,*

Lombard and Greene Streets.

MATRICULATES, UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS 1929-1930

FOURTH YEAR CLASS

Aronofsky, Milton Robert, Ph.B., Connecticut
Ashman, Harry, B.S........New York
Baumgardner, George Martin, A.B., Maryland
Baylus, Meyer Milby, Ph.G...Maryland
Belinkin, William, B.S.....New York
Benfer, Kenneth Louis, A.B., Maryland
Berkowitz, Rudolph, A.B....New York
Berry, Erwin Phifer...North Carolina
Blum, Joseph Sidney, Ph.G...Maryland
Bonner, Merle Dumont. North Carolina
Brown, Eugene Scott, B.S. West Virginia
Burns, John Howard, Jr., A.B., Maryland
Chance, Lester Thomas, B.S., North Carolina
Chenitz, William, B.S.....New Jersey
Cohen, Archie Robert, Ph.G. Maryland
Cohen, Irvin Joseph, Ph.G...Maryland
Cohen, Max Hurston, Ph.G...Maryland
Coppola, Matthew Joseph, B.S., New York
Durrett, Clay Earl, B.S.....Maryland
Dyar, Edna Gerrish, Ph.D., District of Columbia
Farinacci, Charles Joseph, A.B...Ohio
Faw, Wylie Melvin, Jr.......Maryland
Feman, Jacob George, A.B....New York
Fiocco, Vincent James, B.S...New York
Fisher, Samuel............New Jersey
Ford, John Leonard, B.S. Pennsylvania
Forrest, Daniel Efland, B.S., North Carolina
Garey, James Lyman, B.S. Pennsylvania
Garfinkel, Abraham, B.S.....New York
Gerner, Harry Ezekiel, B.S., New Jersey
Gersten, Paul Francis......New York
Ginsberg, Leon, Ph.D........New York
Goldman, Lester Milton, B.S., New Jersey
Goldstein, Jacob Everett, B.S., New York
Goodman, Julius Henry, Ph.G., Maryland
Hamer, William Alexander, B.S., North Carolina
Harrell, Leon Jackson, B.S., North Carolina
Harsha, Gene Melford, B.S., West Virginia
Helms, John Chapman, B.S....Virginia
Hildenbrand, Emil John Christopher, B.S. ....Maryland
Hill, George Delmas, B.S., West Virginia
Hornbaker, John Harlan, A.B., Maryland
Hudson, Rollin Carl, A.B....Maryland
Jackson, Marshall Vaden, North Carolina
Johnson, Marius Pitkin, A.B., Connecticut
Keller, Frederick Doyle, B.S., West Virginia
Kleinman, Abraham Morris, B.S., New York
Kovarsky, Albert Elias, A.B. New Jersey
Kraemer, Samuel Harry, B.S., New Jersey
Kremen, Abraham, A.B.......Maryland
Kuhn, Esther Frances, A.B...Maryland
Levin. Morton Loeb, Ph.G....Maryland
**Levy, Solomon, A.B........Palestine
Lewis, Frank Russell.......Maryland
Mace, Vernie Emmett, B.S. West Virginia
Magovern, Thomas Francis. New Jersey
Mansdorfer, George Bowers, B.S., Maryland
Miller, Benjamin Herman, A. B., Maryland
Miller, Isaac.............New Jersey
Miller, James Alton, A.B....Maryland
Montilla, Victor Jose......Porto Rico
Mortimer, Egbert Laird, Jr., A.B., Maryland
Moser, Charles Yarnelle, B.S., West Virginia
Needle, Nathan E...........Maryland

FOURTH YEAR CLASS—Continued

Oliver, Robert Deleon, B. S., North Carolina
Oppenheim, Joseph Harry...New York
Owen, Duncan Shaw....North Carolina
Owens, Zack Doxey, B.S., North Carolina
Perlman, Robert, B.S........New York
Reid, Francis Fielding, A.B..Maryland
Rineberg, Irving Edward, B.S., New Jersey
Romano, Nicholas Michael Pennsylvania
Rosenthal, Abner Herman, B.S., New York
Shill, Benjamin, A.B......New Jersey
Shulman, Louis Robert ..Maryland
Smith, Joseph Jacob, A.B..Connecticut
Snoops, George John, Jr., A.B., Maryland
Snyder, Nathan, Ph.G.......Maryland
Soltroff, Jack Gerson, B.S., Pennsylvania
Sperling, Nathaniel Mortimer, B.S. ....New York
Strickland, Horace Gilmore, B.S., North Carolina
Thompson, Carl Truman, B.S., A.B., West Virginia
Warman, Wilton Merle, A.B., B.S., West Virginia
Weinstein, Jack, B.S........New York
Werner, Aaron Seth........New York
Woolley, Alice Stone, B.S...New York
Young, Ralph Funk.........Maryland
Zeiger, Samuel, B.S.........New York

** Deceased.

THIRD YEAR CLASS

Adalman, Philip, Ph.G.......Maryland
Allen, Howard Stanley..Pennsylvania
Andrew, David Holmes, A.B., Maryland
Arnett, Thomas Morrison, AB., B.S., West Virginia
Baldwin, Kenneth Malison..Maryland
Bamberger, Beatrice, A.B....Maryland
Barton, Paul Canfield, B.S......Ohio
Baumgartner, Eugene Irving, A.B., Maryland
Berman, Henry Irving......Maryland
Boggs, William Carroll, A.B., B.S., West Virginia
Brice, Arthur Talbott......Maryland
Brill, Bernard, B.S.........New York
Brill, John Leonard, A.B., Pennsylvania
Cashwell, Roy Lee, B.S. North Carolina
Cloninger, Kenneth Lee, B.S., North Carolina
Contract, Eli, A.B..........Maryland
Davis, Melvin Booth, B.S....Maryland
Dawson, William Maddren, B.S. New York
Donohue, Bernard Walker, A.B., Maryland
Drenga, Joseph Francis, A. B., Maryland
Eckstein, Harry, B. S......New York
Edel, John Wesley, Jr., B.S., Maryland
Eisenberg, David Solomon, B.S., New York
Ernest, Roy Cooper, A.B.........Ohio
Feldman, Samuel, A.M.......Maryland
Feuer, Arthur, B.S..........New York
Foster, Ruth ....Massachusetts
Friedman, Joseph, B.S.......New York
Grossman, Isadore, A.B......Maryland
Grove Donald Birtner......Maryland
Gundry, Rachel Krebs, A.B..Maryland
Hannum, Marvin Ray, B.S. West Virginia
Harris, Joseph William........Utah
Harton, Roman Albert.North Carolina
Helfrich, Raymond Frederick, A.B., Maryland
Hoffman, Reuben, A.B.......Maryland
Hollander, Mark Buckner, A.B., Maryland
Hornbrook, Kent Maidlow West Virginia
Jacobson, Samuel Maurice, Ph.G., Maryland
Jaklitsch, Frank Henry, B.S., New York
Jensen, Carl Dana F......Washington
Jett, Page Covington, A.B...Maryland
Jones, Arthur Ford........Maryland
Karger, Abraham, B.S.......New York
Kaufman, Max, Ph.G.........New York
Keefe, Walter Joseph, A.B., Connecticut
Kermisch, Albert, Ph.G., B.S., Maryland
Kilgus, John Frank, Jr..Pennsylvania
Kimmins, William Elias, B.S., West Virginia

THIRD YEAR CLASS—Continued

Kohn, Walter............Maryland
Krieger, Jerome Leon, A.B...Maryland
Krosnoff, Michael, B.S...Pennsylvania
Lachman, Harry, B.S........Maryland
Langeluttig, Harry Vernon, A.B. Maryland
Lanham, Alston Gordon, B.S., West Virginia
Lerner, Philip Frank, A.B...Maryland
Leshine, Sidney Starr, B.S., Connecticut
Levine, David Robert, B.S...New York
Lubin, Paul ....Maryland
Mahan, Edgar Wade, B.S., Pennsylvania
Maloney, Leonard Eugene, B.S., West Virginia
Mankovitch, Desiderius George Pennsylvania
Martin, Thomas Adrian, Ph.G. Maryland
Masterson, John Francis..New Jersey
Meyer, Leo Martin, A.M.....New York
Morrison, Clarence Fisher, B.S., West Virginia
Moyers, Waldo Briggs, A.B., West Virginia
Murphy, Richard Lawrence, A.B., New Hampshire
Nocera, Francisco Paolo...Porto Rico
Palitz, Leo Solomon, A.M....New York
Rehmeyer, Walter Owen, B.S., Pennsylvania
Rhoads, John Peter.....Pennsylvania
Rodriguez, Manuel.........Porto Rico
Rohm, Robert Franklin..Pennsylvania
Rosenberg, Benjamin, B.S...New York
Rosenthal, Henrietta Estelle, Ph.B. ....Maryland
Rozum, John Charles.......New York
Seabold, William Merven, A.B., Maryland
Schimunek, Emmanuel Aloysius, A.B. ....Maryland
Seidman, Herman Harold, B.S., New York
Shaw, Christopher Campbell, Ph.B. ....Maryland
Shelley, Harry Sandberg, B.S., Maryland
Shochat, Albert Joshua, B.S., New York
Siwinski, Arthur George, A.B., Maryland
Skovron, Michael, B.S...Pennsylvania
Slate, Marvin Longworth, A.B., North Carolina
Slavcoff, Alexander, B.S., Pennsylvania
Smith, Solomon, A.B........Maryland
Sprecher, Milford Harsh, B.S., Maryland
Sterling, Susanne..........Maryland
Stevens, Russell Alvin, A.B., Pennsylvania
Taylor, Robert Bruce...Pennsylvania
Van Ormer, William Alfred, Pennsylvania
Warren, Edward William...New York
Whims, Harold Carter, B.S., North Carolina
Wigderson, Henry, B.S......New York

SECOND YEAR CLASS

Abrashkin, Mortimer Dick, B.S., Connecticut
Ahroon, Carl Richard, A.B...Maryland
Ashman, Leon, B.S..........Maryland
Bell, Charles Raymond, B.S., Pennsylvania
Bell, James Russell....Pennsylvania
Bercovitz, Nathan..........New York
Berger, Herbert, B.S........New York
Blum, Samuel Daniel, B.S...New York
Bogorad, Daniel Emil.......Maryland
Brown, William Edward....California
Byer, Jacob, A.M...........New York
Cannon, Martin ....Ohio
Chimacoff, Hyman ....New Jersey
Clayman, David Stanford, Ph.G., Maryland
Crecca, Anthony Daniel, Ph.G., New Jersey
Currie, Dwight McIver, A.B., North Carolina
Davis, Carroll Kalman.....New York
Demarco, Salvatore Joseph, A.B., Maryland
Diamond, Joseph George, B.S., New Jersey
Dumler, John Charles, B.S., Maryland
Eichert, Herbert, Ph.G......Maryland
Eisenbrandt, William Henry, A.B., Maryland
Fein, Jack, B.S.............New York
Fishbein, Elliot, M.S......New Jersey
Flom, Charles, Ph.G........Maryland

SECOND YEAR CLASS—Continued

France, Andrew Menaris, B.S., Maryland
Ganz, Samuel Evans, A.M....New York
Geller, Samuel, B.S.......New Jersey
Gershenson, David Abraham, A.B., Maryland
Gittleman, Solomon Ellman, B.S., New York
Glass, Albert Julius, Ph.G., Maryland
Gluckman, Albert Gerson, B.S., Delaware
Gorenberg, Harold, A.B....New Jersey
Grosh, Joseph Walter, B.S., Pennsylvania
Halperin, David...........New Jersey
Hammell, Frank Mull.....New Jersey
Hantman, Irvin, Ph.G.......Maryland
Harris, Jacob, A.B..........New York
Hecht, Manes Schever, A.B..Maryland
Hendler, Hyman Bernard...Maryland
Hull, Harry Clay..........Maryland
Jacobson, Meyer William, A.B., Maryland
Kaplan, Abraham Nathan, M.S., New York
Karfgin, Arthur, B.S.......Maryland
Katz, Abraham, B.S.........New York
Katz, Leonard..............Maryland
Katzenstein, Lawrence, B.S., Maryland
Keiser, Sylvan ....New York
Klimes, Louis Frank.......Maryland
Korostoff, Bernard.........New York
Kress, Milton Bernard, Ph.G., Maryland
Krieger, Alexander Allan, Pennsylvania
Lechner, Sidney Israel, B.S., New York
Lefkowitz, Jacob, B.S.......New York
Legum, Samuel, A.B.........Maryland
Lerner, George, A.M........New York
Lieberman, Samuel, M.S.....New York
Louft, Reuben Richard, A.B., Maryland
Markman, Harry David, B.S., New York
McGovern, William Joseph, B.S., Pennsylvania
McMillan, William Owen, West Virginia
Mickley, John Hoke, B.S., Pennsylvania
Miller, Myron Joseph, A.M., New York
Moores, John Deuer........Maryland
Nachlas, Arthur, A.B.......Maryland
Newnam, Alpheus Carlton..Maryland
Panebianco, Richard Robert, B.S., New York
Pear, Henry Robert.........Maryland
Philip, Arthur Jay, B.S.....New York
Pink, Solomon Harris, B.S., New Jersey
Prigal, Samuel Jeremiah, B.S., New York
Proctor, Samuel Edward, A.B., Maryland
Prussack, Solomon, M.S...New Jersey
Reckson, Morris Murray....New York
Roberts, Marion Butler, A.B., North Carolina
Rohm, Jack Zeth........Pennsylvania
Rosenthal, Stephen Isaiah, Pennsylvania
Rubenstein, Robert ....New Jersey
Sager, Harold.............New Jersey
Sanchez, Robert Luis, A.B.....Mexico
Saunders, Thomas Sewell, Ph.G., Maryland
Savage, John Edward, B.S., District of Columbia
Schwartz, David Israel, Ph.G., Maryland
Shack, Max Herman.......New Jersey
Shaw, John Jacob, A.B.....New Jersey
Siegel, Sidney Leon, B.S., New Jersey
Silverstein, George, A.B...Connecticut
Simmons, John Frederick...Maryland
Snyder, Jerome, Ph.G........Maryland
Sollod, Aaron Charles, Ph.G., Maryland
Statman, Arthur James...New Jersey
Stein, Charles, A.B.........Maryland
Stephenson, Frank Richard.Maryland
Taylor, Francis Nicholson, A.B., Virginia
Thompson, Harry Goff........Illinois
Wirts, Carl Alexander..Pennsylvania
Young, Alexander, A.B......New York
Zupnik, Howard Lester..Pennsylvania
Zuravin, Meyer Harry, B.S., New Jersey

FIRST YEAR CLASS

Aaron, Harold Henry, B.S., New York
*Abramovitz, Abraham, B.S., Pennsylvania
Allen, Edwin John......New Jersey
Alpert, George, A.B.....Massachusetts
Austraw, Henry Harrison, Ph.G., Maryland
Baker, George Stansbury, A.M., Maryland
Baylus, Joseph, Ph.G.,......Maryland
Beanstock, Sam, B.S.,......New York
Becker, Martin, M.S.,......New Jersey
Bellin, David Elias, A.M.,..New York
Bernhardt, William, Ph.G., Maryland
Bernstein, Joseph, Ph.G.,...Maryland
Bicchieri, Nunzio Anthony, A.B., Massachusetts
Bilcovitch, Harry David, A.B., Pennsylvania
Blake, Alan Franklin......Maryland
Blitzman, Louis, B.S........New York
Bowden, Leroy Merrill, B.S., Maryland
Bowman, Harry Daniel.....Maryland
Bucke, William Fowler, A.B., Pennsylvania
Buffum, Edward Henry, B.S., New Hampshire
Campbell, Edgar Thrall, A.B., Maryland
Caples Delmas.............Maryland
*Caton, Franklin Walter...Maryland
Coates, Stephen Paul......New York
Cohen, Bernard Shaw, A.B., Delaware
Cohen, Marvin Meyer.....New Jersey
Comegys, Richard Williamson, A.B., Maryland
Comodo, Nicholas Marius, B.S., Connecticut
Diehl, Harold Clayton, B.S., Maryland
Di Stasio, Frank, B.S.,....Connecticut
Drucker, Victor, B.S.,......New York
Emanuel, Meyer, B.S.,......New York
Espinosa, Manuel..........Porto Rico
Etkind, Meyer George, B.S., Connecticut
Fineman, Jerome, Ph.G.,....Maryland
Franklin, Frank Anthony New Jersey
Frost, George Lewis, A.B., New Jersey
*Garcia-Mendez, Carlos....Porto Rico
Gilbert, Arthur, B.S., New Hampshire
Goldman, Abram, Ph.G.,.....Maryland
Goldman, Alexander Blodnick, B.S., New York
Goldman, Meyer Leo, A.B., New York
Goldstein, Morton Allen...Maryland
Hanagan, John Joseph, B.S., New Hampshire
Harris, Earle Harold.......New York
Heller, Mitchell Starabin, B.S., New York
*Hickey, John Francis..Pennsylvania
Highstein, Gustav, Ph.G.....Maryland
Hill, Nelson Marks.....Pennsylvania
Himelfarb, Albert Joseph, A.B., Maryland
*Holland, Charles Albert, A.B., Maryland
Hurwitz, George Hillel, A.B., Connecticut
Hyman, Joseph, B.S.,........New York
Hyman, Morris, A.B.,......Connecticut
Jones, Grace Germania......Maryland
Justice, James Thomas, Jr. North Carolina
*Keefe, Russell Joseph, B.S., Connecticut
Kenler, Myron Lewis, A.B.,..Maryland
Keown, Lauriston Livingston, A.B., Maryland
Kimmel, Charles..........New Jersey
Kochman, Leon Arthur.....Maryland
Konigsberg, Wilfred Kane, A.B., New York
Kreglow, Alan Frank District of Columbia
Kurz, Theodore George, B.S., Connecticut
Lanier, Verne Clifton, A.B., North Carolina
Layne, Frank Hopkins......Kentucky
Lentz, George Ellard, B.S., Pennsylvania
Lifland, Bernard Daniel, B.S., New Jersey
Lowman, Milton Edward, A.B., Maryland
Maginnis, Helen Irene, A.B., Maryland
Malinoski, Wallace Henry, Ph.G., Maryland
Matheke, George Adolph..New Jersey
McAndrew, Charles Roger Pennsylvania
Miller, Benjamin, B.S.,....New York
Miller, Meyer George, B.S., New York
Moore, James Irving, A.B.,..Maryland
Moosey, George Anthony, A.B., Maryland
Nichols Myers Lee......West Virginia
Novenstein, Sidney, A.B., Connecticut
O'Neill, Joseph Brown..Pennsylvania
Osserman, Kermit Edward, A.B., New York
Peer, George Foster....West Virginia
Pico, Jose Teodore.........Porto Rico
Racusin, Nathan, Ph.G.,....Maryland
Reardon, William Thomas, A.B., Delaware
Richardson, Jack......West Virginia
Robinson, Daniel Robert, B.S., New York
Rosenbaum, Louis Colman, B.S., New Jersey
Rosenberg, Arthur, B.S.,....New York
Rosenberg, Morris Murray, B.S., New York
Rosenblatt, George Daniel, B.S., New York
Rosenfeld, David Herman, Ph.G., Maryland

*Did not complete the year.

FIRST YEAR CLASS—Continued

Rosenstein, Sidney Solomon, B.S., New Jersey
Rubin, Samuel S., Ph.G.,....Maryland
*Ruth, George Elwood, B.S., Pennsylvania
Rutland, Hedley Ethelbert, B.S., Pennsylvania
Sapperstein, Jacob Halrold, Ph.G., Maryland
Sasscer, James Ghiselin, B.S., Maryland
*Satou, Marcus, Ph.G.,......Maryland
Satulsky, Emanuel Milton New Jersey
Schiff, Hyman, A.B.,........Maryland
Schiff, Joseph, A.B.,.......Maryland
Schindler, Blane Markwood, Ph.G., Maryland
Schlachman, Milton, Ph.G., Maryland
Schmidt, George Matthew, Ph.G., Maryland
Schneiman, Maurice Harris, A.B., Pennsylvania
Schochet, George, Ph.G.,....Maryland
Schwartz, Alec Robert, B.S., Pennsylvania
Schwartz, Paul, Ph.G......Maryland
Scoles, Peter Serafino....New Jersey
Sedlacek, Joseph Arthur...Maryland
Shea, Cornelius Joseph..Connecticut
Smith, Ashby Wade....North Carolina
Soltis, Michael Joseph Wieciech, A.B.,.........Maryland
Soltz William Boyer, B.S., New York
Stackhouse, Howard......New Jersey
Stein, Milton Robert, Ph.G., Maryland
Stern, Maurice Lee, A.B.,..New York
Stewart, Garland.......West Virginia
Szule, Stephen, Ph.M......New Jersey
Taylor, Clifford Morrison..Maryland
Teitelbaum, Harry Allen, B.S., New York
Thumim, Mark, B.S.,.......New York
Turano, Leonard Francis, B.S., New York
Van Metre, John Lee, A. B., West Virginia
Walker, Richard Charles Pennsylvania
Weisman, Samuel, Ph.G.,....Maryland
Wit, Maurice Carl A.B.,....New York
Wolbert, Frank Olaf.......Maryland
Zager, Saul...............New Jersey
Zimmerman, Fred...........New York

*Did not complete the year.

GENERAL SUMMARY OF STUDENTS ATTENDING THE UNIVERSITY OF MARYLAND

SESSION OF 1929-1930

College of Agriculture	154
College of Arts and Sciences	624
School of Dentistry	349
College of Education	136
Extension	175
College of Engineering	275
Extension	281
Graduate School	135
College of Home Economics	76
School of Law	157
School of Medicine	419
School of Nursing	104
School of Pharmacy	359
Summer School, 1928, College Park	721
Total	3,965
Duplications	138
Net Total	3,827

ALUMNI ASSOCIATION SCHOOL OF MEDICINE

Executive Officers
(1929-30)

President, Dr. Alexius McGlannan—115 W. Franklin St.
Vice President, Dr. Elmer B. Freeman—412 Cathedral St.
Vice President, Dr. Aloysius W. Valentine—610 N. Caroline Ave., Wash., D.C.
Vice President, Dr. Wm. Wayne Babcock—1720 Spruce St., Phila., Pa.
Secretary, Dr. H. M. Bubert—Medical Arts Bldg.
Assistant Secretary, Dr. T. B. Aycock—Medical Arts Bldg.
Treasurer, Dr. M. LeRoy Lumpkin—914 N. Charles St.

Board of Directors

Chairman of Board, Dr. C. R. Edwards, Medical Arts Building.
President, Dr. Alexius McGlannan
Secretary, Dr. Howard M. Bubert
Assistant Secretary, Dr. T. B. Aycock
Treasurer, Dr. M. L. Lumpkin
2 year member, Dr. Charles E. Brack
2 year member, Dr. Frank S. Lynn
1 year member, Dr. Austin Wood
1 year member, Dr. Chas. R. Foutz

(To keep a nucleus of 3 intact, President becomes Chairman for this year then two year Members each year.)

Advisory Committee

Dr. Wm. H. Triplett, Chairman—1324 W. Lombard St.
Dr. A. Ferd Reis—24 S. Broadway
Dr. John Evans, Medical Arts Bldg.
Dr. Charles A. Waters—1100 N. Charles St.
Dr. S. Demarco—1604 Linden Ave.

Representative on Alumni Council, Dr. Cyrus Horine—817 Park Ave.

Representatives on Hospital Council

Dr. Frank W. Keating—Owings Mills, Md.
Dr. Charles W. Maxson—827 N. Charles St.

Trustees Students Rotating Fund

5 year term, Dr. Wm. S. Love
4 year term, Dr. Chas. E. Brack
3 year term, Dr. Frank J. Kirby
2 year term, Dr. Robert L. Mitchell
1 year term, Dr. G. Milton Linthicum

(Upon expiration all elections will be for 5 year terms. Thus 1 elected each year.)

Library Committee

Dr. Nathan Winslow—University Hospital.

Editors Bulletin

Dr. Emil Novak—26 E. Preston St.
Dr. H. M. Bubert—Medical Arts Bldg.

Necrologist, Dr. Wm. S. Love—836 W. North Ave.

ENDOWMENT FUND

The following constitute the Board of Trustees of this Fund:

E. F. Kelly, Ph.G., Chairman.
J. M. H. Rowland, M.D.
Harry Adler, M.D.
Randolph Winslow, A.M., M.D., LL.D.
Stuart Janney
Daniel Baker, Jr.
Horace M. Davis, D.C.D.
Robertson Griswold
Arthur M. Shipley, Sc.D., M.D.

This Board is incorporated by act of the Legislature of the State, its legal title being "The Trustees of the Endowment Fund of the University of Maryland," and is independent and self-perpetuating Its powers are limited *to the expenditure of the interest derived from the fund,* which is to be applied in the discretion of the Board for the benefit of the University. Contributions, donations and bequests are solicited from Alumni and friends. They may be made to the general or University Fund, to the Medical Fund or to any other department of the University. If intended for the School of Medicine, they may be given to the general medical fund or to some special object, as building, research, library, pathology, hospital, publication, laboratories, gymnasium, scholarship, medal, prize, etc., in which case the wishes of the donor will be strictly regarded. Attention is invited to the "Charles Frick Research Fund," already established in memory of that distinguished investigator. Checks should be made payable to J. M. H. Rowland, Treasurer, Lombard and Greene Streets, Baltimore, Md.

FORMS OF DEVISE OR BEQUEST

To School of Medicine

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic..

(Here state amount or describe property)

To Endowment Fund

I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic................

(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

FACULTY AND INSTRUCTORS

Superintendent of Nurses and Director of School of Nursing
Annie Crighton, R.N.

Assistant Superintendent of Nurses
Frances M. Branley, R.N.

Instructor in Nursing
Lillie R. Hoke, R.N.

Instructor in Nursing and Supervisor of Wards
Helen Wright, R.N.

Instructor in Surgical Technique for Nurses and Supervisor of Operating Pavilion
Elizabeth Aitkenhead, R.N.
Instructor in Dietetics
Miriam Connelly

Instructor in Massage
Edith Walton

Instructor in Social Service
Grace Pearson, R.N.

Assistant Instructor in Nursing and Supervisor of Wards
Bertha Hoffman, R.N.

Alice Bennett, R.N.	Night Supervisor
Jane Moffatt, R.N.	Supervisor—Dispensary
Beatrice Krause, R.N.	Head Nurse—Obstetrical Ward
Estella Baldwin, R.N.	Head Nurse—Children's Ward
Grace Dick, R.N.	Head Nurse—Men's Medical Ward
Elizabeth Cannon, R.N.	Head Nurse—Men's Surgical Ward
Vesta Swartz, R.N.	Head Nurse—Men's Surgical Ward
Freda Fazenbaker, R.N.	Head Nurse—Women's Medical Surgical and Gynecological Ward
Lucy Brude, R.N.	Head Nurse—Private Hall
Marth Magruder, R.N.	Head Nurse—Private Hall
Rhea Gerber, R.N.	Assistant Head Nurse—Operating Room
Eva Mae Bradburn, R.N.	Assistant Head Nurse—Operating Room
Cora Mason Wilson, R.N.	Head Nurse—Surgical Supply Room
Emma Winship, R.N.	Head Nurse—Accident Room
Hilda Willis, R.N.	Head Nurse—Outside Obstetrics
Grace Dutterer, R.N.	Assistant Outside Obstetrics
Catherine Rodenwald, R.N.	Head Nurse—Prenatal Clinic
Stella Ricketts, R.N.	Assistant Prenatal Clinic

GENERAL STATEMENT

The University of Maryland School for Nurses was established in the year 1889. Since that time it has been an integral part of the University Hospital, coming under the same government. The school is non-sectarian, the only religious services being morning prayers. The University Hospital is a general hospital containing about 250 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing, including experience in the operating room. The school offers the student nurse unusual advantages in its opportunity for varied experience and in its thorough curriculum taught by best qualified instructors and members of the Medical Staff of the University. The course of instruction covers a period of three years.

ADMISSION—Requirements: In order to become a candidate for admission to the Training School, application must be made in person or by letter, to the Superintendent of Nurses. An application by letter should be accompanied by a statement from a clergyman testifying to good moral character and from a physician certifying to sound health and unimpaired faculties. No person will be considered who is not in a good physical condition between the ages of 18 and 35. She must also show that she has a High School education or its equivalent. This is the minimum requirement, as women of superior education and culture are given preference provided they meet the requirements in other particulars.

The fitness of the applicant for the work and the propriety of dismissing or retaining her at the end of her term of probation, is left to the decision of the Superintendent of Nurses. Misconduct, disobedience, insubordination, inefficiency, or neglect of duty are causes for dismissal at any time by the Superintendent of Nurses, with the approval of the President of the University.

TIME: Students are admitted in February and October.

HOURS ON DUTY: During the probation term the students are on duty not more than six hours daily. During the Junior, Intermediate and Senior years the students are on eight-hour day duty, with six hours on Sunday and Holidays, and ten-hour night duty. The night duty periods are approximately five or six months during the three years.

Sickness: A physician is in attendance each day, and when ill, all students are cared for gratuitously. The time lost through illness in excess of two weeks during the three years must be made up. Should the authorities of the school decide that through the time lost the theoretical work has not been sufficiently covered to permit the student to continue in that year, it will be necessary for her to continue her work with the next class.

Vacation: Vacations are given between June and October. A period of three weeks is allowed the student at the completion of the first year and four weeks at the completion of the second year.

Expense: An entrance fee of thirty dollars ($30.00), payable on admission, is required of all students. This fee is not returnable. A student receives her board, lodging, and a reasonable amount of laundry from the date of entrance. During her period of probation she provides her own uniforms made in accordance with the hospital regulations. After being accepted as a student nurse, she wears the uniform furnished by the hospital, and in addition to this is paid five dollars ($5.00) a month. Her personal expenses during the course of instruction and training will depend entirely upon her individual habits and tastes.

Five-Year Program

In addition to the regular three-year course of training the University offers a combined Academic and Nursing program leading to the degree of Bachelor of Science and a Diploma in Nursing.

The first two years of the course (or pre-hospital period), consisting of 68 semester hours, are spent in the College of Arts and Sciences of the University, during which period the student has an introduction to the general cultural subjects which are considered fundamental in any college training. At least the latter of these two years must be spent in residence at College Park in order that the student may have her share in the social and cultural activities of college life. The last three years are spent in the School of Nursing in Baltimore or in the Training School of University Hospital, which is affiliated with the School of Medicine of the University.

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established in 1899 and incorporated in 1901. It has developed the art of the profession according to the high standard requisite to qualify for Registered Nurse.

The Mercy Hospital School of Nursing was organized and incorporated under the laws of the State of Maryland in 1899, and has operated successfully for a quarter of a century.

Requirements for Admission.

A candidate desiring to enter the School of Nursing should apply to the Superintendent of Nurses by letter or in person at least six weeks before the entrance date. It is preferred that she apply in person accompanied by her mother or guardian. If a personal interview is not possible, a written application may be submitted.

Age.

Candidates should be between the ages of eighteen and thirty-five years.

Physique.

Applicants should be of average height and good physique. Teeth and eyes should be attended to before entering the School, and tonsils removed if not in good condition. Every applicant is required to send in a certificate of health by her family physician. A physical examination is also made by the school physician during the preliminary period.

Education.

Applicants for admission should present at least high school certificate of graduation or its equivalent in educational values. The credits of preliminary education are fully accounted and the nurse who is the better qualified finds such a foundation more to her advantage as she progresses through the years of study.

Calendar.

Students are admitted September 1st and February 1st.

Length of Course.

The course of instruction covers three years. It is divided into a preliminary term of four months, a freshman term of eight months, a junior term of one year, and a senior term of one year.

Conditions of Acceptance.

The Superintendent of Nurses decides as to the fitness for the work and the propriety of retaining or dismissing a student at the end of the term of probation or during its course. She may also, with the approval of the faculty, terminate the connection of a student with the School in any justifiable instance. At the end of the preliminary period, if the student's health, general education, and natural aptitude prove satisfactory to the Director of the School and the Sister Superior, she shall be appointed for enrollment as a student nurse.

Expenses.

An admission fee of fifty dollars is required from all students. This covers the cost of uniforms and books required during the preliminary course.

Should the student for any reason leave the school before completing the course, this fee will not be returned, nor may she take with her any part of the equipment.

After four months' probation, candidates, if they possess the necessary qualifications, are admitted to the School of Nursing proper. They receive ten dollars per month to help defray incidental expenses. No compensation is given, the education received being considered sufficient return for service rendered. Board, laundry, etc., are furnished by the institution.

Four weeks before admission candidates should forward the fifty-dollar entrance fee, and measurements for uniforms and aprons, which will be in readiness upon their arrival. No orders will be considered until this fee is received.

THE FIVE-YEAR COURSE

Leading to B.S. Degree and Diploma of Graduate Nurse

The University of Maryland, in affiliation with the Mercy Hospital School of Nursing, offers a combined Academic and Nursing program.

The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland, and to the diploma of the Mercy Hospital School of Nursing.

Graduate nurses who hold college degrees are greatly in demand, especially for positions in administration and teaching. This program consequently offers a distinct advantage.

Outline of Course.

Two years of this course (pre-nursing or post-nursing period) consisting of 70 semester hours are spent in the College of Arts and Sciences of the University, with the usual College vacations. At least the latter of these two years must be spent in residence at College Park in order that the student may have her share in the social and cultural activities of College life.

Requirements for Admission.

Students electing such a course must before entering the School of Nursing, satisfy the entrance requirements of the University of Maryland. Applicants must be personally adapted to professional nursing.

Fees and Other Expenses.

During the two years which the students spend at College Park they maintain themselves, and pay their own College fees. (See University of Maryland bulletin.)

Throughout the Nursing School Course the hospital provides without expense to the student maintenance and care during temporary illness.

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UNIVERSITY OF MARYLAND

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BULLETIN

OF THE

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE

AND

COLLEGE OF PHYSICIANS AND SURGEONS

Successor to THE HOSPITAL BULLETIN of the University of Maryland, BALTIMORE MEDICAL COLLEGE NEWS, and the JOURNAL of the Alumni Association of the College of Physicians and Surgeons.

VOL. XV **APRIL, 1931** **No. 4**

ANNUAL ANNOUNCEMENT

SESSION 1931-1932

This catalogue presents the teaching staff for the present year and the announcement of courses for the ensuing one. Changes in the teaching staff and list of graduates of the Class 1930-1931 will appear in the July Bulletin.

CALENDAR

1931-1932

SCHOOL OF MEDICINE

FIRST SEMESTER

1931

September 28, Monday—*Registration for first- and second-year students.

September 29, Tuesday—*Registration for all other students.

September 30, Wednesday—Instruction begins with the first scheduled period.

November 26, Thursday—Thanksgiving Day. Holiday.

December 19, Saturday—Christmas recess begins after the last scheduled period.

1932

January 4, Monday—Instruction resumed with the first scheduled period.

January 30, Saturday—First semester ends after the last scheduled period.

SECOND SEMESTER

February 1, Monday—*Registration for first- and second-year students.

February 2, Tuesday—*Registration for all other students.

February 3, Wednesday—Instruction begins with the first scheduled period.

February 22, Monday—Washington's Birthday. Holiday.

March 24, Thursday—Easter recess begins after the last scheduled period.

March 29, Tuesday—Instruction resumed with the first scheduled period.

June 4, Saturday—Commencement. (Four o'clock in the afternoon.)

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*A STUDENT WHO NEGLECTS OR FAILS TO REGISTER PRIOR TO OR WITHIN THE DAY OR DAYS SPECIFIED FOR HIS OR HER SCHOOL WILL BE CALLED UPON TO PAY A FINE OF $5.00. THE LAST DAY OF REGISTRATION, WITH THE FINE OF $5.00 INCLUDED, IS SATURDAY AT NOON OF THE WEEK IN WHICH THE SCHOOL HAS ITS SPECIAL REGISTRATION PERIOD. (THIS RULE MAY BE WAIVED ONLY BY ACTION OF THE COUNCIL OF DEANS.)

*The Offices of the registrar and the comptroller are open during the registration periods from 8.30 A. M. to 6.00 P. M.

THE UNIVERSITY OF MARYLAND

Control of the University of Maryland is vested in a Board of nine Regents, appointed by the Governor and confirmed by the Senate for terms of nine years each. The general administration of the University is vested in the President. The University Council is an advisory body, composed of the President, the Assistant to the President, the Director of the Agricultural Experiment Station, the Director of the Extension Service, and the Deans. The University Council acts upon all matters having relation to the University as a whole or to cooperative work between the constituent groups. Each school has its own Faculty Council, composed of the Dean and members of its Faculty; each Faculty Council controls the internal affairs of the group it represents.

The University has the following educational organization:

The College of Agriculture,
The College of Engineering,
The College of Arts and Sciences,
The School of Medicine,
The School of Law,
The School of Dentistry,
The School of Pharmacy,
The College of Education,
The College of Home Economics,
The Graduate School,
The Summer School,
The Department of Physical Education and Recreation.

The Schools of Medicine, Law, Dentistry and Pharmacy are located in Baltimore; the others in College Park, Maryland.

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OF
THE UNIVERSITY OF MARYLAND

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E. Brooke Lee, Esq	Term expires 1935
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William P. Cole, Jr., Esq	Term expires 1939

Raymond A. Pearson, M.S., D.Agr., LL.D	*President and Executive Officer*

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Henry D. Harlan, LL.D	Dean of the School of Law
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A. G. Du Mez, Phar.D	Dean of the School of Pharmacy
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C. O. Appleman, Ph.D	Dean of the Graduate School
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THE UNIVERSITY OF MARYLAND
SCHOOL OF MEDICINE
AND
COLLEGE OF PHYSICIANS AND SURGEONS

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Edward N. Brush., M.D.	Psychiatry
L. E. Neale, M.D., LL.D.	Obstetrics
Frank Dyer Sanger, M.D.	Rhinology and Laryngology
Harry Friedenwald, A.B., M.D.	Ophthalmology

PROFESSORS, ASSOCIATES, INSTRUCTORS AND ASSISTANTS.

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Standish McCleary, M.D., Professor of Pathology and Clinical Medicine.
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M. L. Small, M.D., Assistant in Ophthalmology.
John G. Runkle, M.D., Assistant in Ophthalmology.
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M. B. Ballard, M.D., Assistant in Obstetrics.
E. S. Edlavitch, M.D., Assistant in Gynecology.
Birckhead McGowan, M.D., Assistant in Diseases of the Nose and Throat.
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Thomas R. O'Rourke, M.D., Assistant in Diseases of the Nose and Throat.
J. G. Benesunes, M.D., Assistant in Orthopedic Surgery.

Clyde F. Karns, M.D., Assistant in Surgery.
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Paul Schenker, M.D., Assistant in Surgery.
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William E. Evans, B.S., Assistant in Pharmacology.
Elizabeth Painter, A.B., Assistant in Physiology.

University of Maryland School of Medicine

AND

College of Physicians and Surgeons

As a result of the merger accomplished in 1915 the combined schools offer the student the abundant resources of both institutions, and, in addition, by earlier combination with the Baltimore Medical College, the entire equipment of three large medical colleges.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807, and chartered in 1808, under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and Sciences; and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

Established thus for more than a century, the School of Medicine of the University of Maryland has always been a leading medical college, especially prominent in the South and widely known and highly honored throughout the country.

The beautiful college building at Lombard and Greene Streets, erected in 1812, is the oldest structure in America devoted to medical teaching. Here was founded one of the first medical libraries and the first medical college library in the United States.

Here for the first time in America dissecting was made a compulsory part of the curriculum; here instruction in Dentistry was first given (1837), and here were first installed independent chairs for the teaching of Diseases of Women and Children (1867), and of Eye and Ear Diseases (1873).

The School of Medicine was one of the first to provide for adequate clinical instruction by the erection in 1823 of its own hospital, and in this hospital intramural residency for the senior student was first established.

In 1913, juncture was brought about with the Baltimore Medical College, an institution of 32 years' growth. By this association the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterwards known as the Maternite, the first obstetrical hospital in Maryland. In 1878 union was affected with the Washington University School of Medicine, in existence since 1827, and the college was removed to its present location at Calvert and Saratoga Streets. By this arrangement medical control of the City Hospital, now the Mercy Hospital, was obtained, and on this foundation in 1899 the present admirable college building was erected.

ORGANIZATION OF THE SCHOOL OF MEDICINE

LABORATORY AND CLINICAL FACILITIES

The Laboratories

The laboratories are located at two centers, the group of buildings at Greene and Lombard Streets, and at 32 and 34 South Paca Street. The schedule is so adjusted that the laboratory periods are placed with a view of obviating unnecessary movement on the part of the classes. The building known as Gray Laboratory, at Greene and Lombard Streets, houses three departments. The Anatomical Laboratory is placed upon the top floor, where skylights and an auxiliary modern system of electric lighting gives adequate illumination of the subjects. On this floor are the office of the department and the necessary preparation rooms. The Department of Pharmacology occupies the second floor. There is a large room for the general student laboratory, which is thoroughly equipped with apparatus of recent acquisition, and in addition contains many instruments of unique and original design. With office and stockroom adjoining, this laboratory is complete for student experimentation. On the first floor of Gray Laboratory is the Department of Physiology. In addition to the large student laboratory, which is constructed for groups of forty-five students there are rooms for the departmental office, preparation of material, and storage of apparatus. An additional room is devoted exclusively to mammalian experiments. In this building there is maintained an animal room where is kept an abundance of material for experimental purposes. The embalming and storage plant for the Department of Anatomy is in physical connection with the building and its special departments. The laboratories of physiology and pharmacology are completely equipped with apparatus lockers so that, in accord with the best ideas of instruction, the students work in groups of two each, and each group has sufficient apparatus so that the experimental work can be carried on without delay or recourse to a general stock-room.

The laboratories of Pathology, Bacteriology, Biochemistry and Clinical Pathology are located in the Medical laboratory building on Greene Street north of Lombard.

The Departments of Pathology, Bacteriology and Clinical Pathology use, conjointly, the large modernly equipped student laboratory on the second floor. The capacity is 100 students. On the second floor also there are students' preparation rooms for the making and sterilization of media, cold storage and incubating rooms and research laboratories for the departments of Bacteriology and Clinical Pathology.

On the main floor of this building are the offices, library, research and technical rooms of the Departments of Pathology and Bacteriology. The Department of Art also occupies quarters on this floor. The basement is given over to teaching museums, store rooms, students' locker room and lavatories.

The Department of Biological Chemistry is housed on the top floor of this building. The space allotted to teaching includes a large student laboratory equipped with 132 commodious locker units supplied with gas, hot and cold water, vacuum and direct current service, a special apparatus room, a warm room, a colorimeter room, a balance room, a first-aid room and a stock-room. These rooms are appointed with modern laboratory furniture and apparatus, a constant temperature and ventilating system, and equipped and arranged for economic use of the students' time.

Adjoining the students' space are private offices and laboratories of the staff, a departmental library, a shop and a preparation room.

In the Main Building is the Museum of Anatomy, where are arranged for student reference, specimens which represent the careful selection of material over a period of many years. In the University Hospital is the Student Laboratory for the analytical studies by those students who are serving as clinical clerks on the wards. A similar laboratory is maintained in the building at the northwest corner of Saratoga and Calvert Streets, for the student work on the wards of the Mercy Hospital.

At 32 and 34 South Paca Street are the Histology Laboratories. These laboratories accommodate one hundred and twenty-five students or the full class and are equipped with necessary lockers for microscopes and apparatus. The department housed in this building is provided with individual offices, preparation and stockrooms.

Clinical Facilities

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the State of Maryland. It was opened in September, 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for eye patients.

The present hospital has a capacity of 250 beds devoted to general medicine, surgery, obstetrics and the various medical and surgical specialties. It is equipped with a thoroughly modern X-ray department and clinical laboratory, and a post-mortem building which is constructed with special reference to the instruction of students in pathological anatomy.

The hospital is situated opposite the medical school buildings so that the students lose no time in passing from the lecture halls and laboratories to the clinical amphitheater, dispensary and wards.

Owing to its situation, being adjacent to the largest manufacturing district of the city and the shipping district, large numbers of accident patients are received. These combined with a large number of sick seamen and with patients from our own city furnish a large amount of clinical material. Accommodations for twenty-five obstetrical patients are provided in the hospital for the purpose of furnishing actual obstetrical experience to each member of the graduating class.

In connection with the University Hospital an outdoor obstetrical clinic is conducted, in which every patient is given careful prenatal supervision, is attended during labor by a senior student, supervised by a hospital physician and assisted by a graudate nurse, and is visited during the puerperium by the attending student and graduate nurse. Careful pre-natal, labor and puerperal records are kept, making this work of extreme value to the medical student, not only from the obstetrical standpoint, but for making him appreciate the value of social service and public health work.

HOSPITAL COUNCIL

Raymond A. Pearson, M.S., D.Agr., LL.D., *President.*
Samuel M. Shoemaker, Esq., *President of the Board of Regents.*
J. M. H. Rowland, M.D., *Dean of the School of Medicine.*
M. C. Pincoffs, S.B., M.D., *Head of the Department of Medicine.*
A. M. Shipley, M.D., Sc.D., *Head of the Department of Surgery.*
A. J. Lomas, M.D., C.M., D.P.H., *Superintendent of the Hospital.*
Miss Annie Crighton, R.N., *Superintendent of Nurses.*
J. Allison Muir, Esq.
G. M. Shriver, Esq.
W. B. Brooks, Esq.
Miss Florence Sadtler, *Representing Woman's Auxiliary Board.*

Representing Hospital Staff

G. Milton Linthicum, A.M., M.D.
C. Reid Edwards, M.D.

Representing Medical Alumni

Charles W. Maxson, M.D.
Frank W. Keating, M.D.

UNIVERSITY HOSPITAL STAFF

Superintendent of the Hospital, A. J. Lomas, M.D., C.M., B.P.H.

Physicians

Gordon Wilson, M.D.
Harry M. Stein, M.D.
Walter A. Baetjer, M.D.
C. C. Habliston, M.D.
L. A. M. Krause, M.D.
Maurice C. Pincoffs, B.S., M.D.
G. Carroll Lockard, M.D.
Joseph E. Gichner, M.D.
William H. Smith, M.D.
William S. Love, Jr., M.D.

Gastro-Enterologist

Julius Friedenwald, A.M., M.D.

Neurologist

Irving J. Spear, M.D.

Psychiatrist

R. M. Chapman, M.D.

Pediatrician

C. Loring Joslin, M.D.

Pathologists

Hugh R. Spencer, M.D.
S. Lloyd Johnson, M.D.

Surgeons

Randolph Winslow, A.M., M.D., LL.D.
Nathan Winslow, M.D.
Charles Reid Edwards, M.D.
Arthur M. Shipley, M.D., Sc.D.
Page Edmunds, M.D.
Frank S. Lynn, M.D.

Laryngologists

Edward A. Looper, M.D.
Franklin B. Anderson, M.D.

Proctologists

G. Milton Linthicum, A.M., M.D.
J. Dawson Reeder, M.D.
Monte Edwards, M.D.

Orthopaedic Surgeons

Robt. W. Johnson, Jr., A.B., M.D.
Raymond Lenhard, A.B., M.D.
Compton Riely, M.D.
Moses Gellman, M.D.

Genito-Urinary Surgeons

W. H. Toulson, A.B., M.Sc., M.D.
Lyle J. Millan, M.D.

Roentgenologists

Henry J. Walton, M.D.
Eugene L. Flippin, M.D.

Dermatologists

Melvin S. Rosenthal, M.D.
Harry M. Robinson, M.D.

Bronchoscopist

Edward A. Looper, M.D.

Anaesthetists

S. Griffith Davis, M.D.
Samuel W. Moore, D.D.S.
Mary J. O'Brien, R.N.

Obstetricians

J. M. H. Rowland, M.D.
M. A. Novey, A.B., M.D.
Isador A. Siegel, A.B., M.D.
L. H. Douglass, M.D.
J. G. M. Reese, M.D.
Daniel S. Fisher, M.D.

Ophthalmologists

Clyde A. Clapp, M.D.
William Tarun, M.D.

Otologist

J. W. Downey, Jr., M.D.

Gynecologists

W. S. Gardner, M.D.
Hugh Brent, M.D.
R. G. Willse, M.D.

UNIVERSITY HOSPITAL RESIDENT AND INTERN STAFF

RESIDENT STAFF, 1931-1932

Resident in Surgery	George Yeager, M.D.
Assistant Resident in Surgery	Wylie Melvin Faw, Jr., M.D.
Assistant Resident in Surgery	Leon J. Harrell, M.D.
Assistant Resident in Surgery	Clarence P. Coster
Resident in Medicine	J. H. Hornbaker, M.D.
Assistant Resident in Medicine	Daniel G. Caudy, M.D.
Assistant Resident in Medicine	Maurice J. Abrams, M.D.
Resident in Gynecology	Augustus P. Chidester, M.D.
Resident in Obstetrics	William P. Dailey, M.D.
Assistant Resident in Obstetrics	William A. Hart, M.D.

UNIVERSITY HOSPITAL DISPENSARY STAFF

Medicine

L. A. M. Krause, M.D., *Chief of Clinic*

INTERN STAFF, 1931-32

A. Talbott Brice, M.D.
Kenneth L. Cloninger, M.D.
Melvin B. Davis, M.D.
Bernard W. Donohue, M.D.
Joseph F. Drenga, M.D.
Donald B. Grove, M.D.
Arthur F. Jones, M.D.
Alston G. Lanham, M.D.
Waldo B. Moyers, M.D.
W. M. Seabold, M.D.
Christopher C. Shaw, M.D.
Harry S. Shelley, M.D.
Milford H. Sprecher, M.D.

Diseases of the Stomach and Intestines

J. H. Ullrich, M.D., *Chief of Clinic*

Joseph Sindler, M.D.
Z. Morgan, M.D.
C. Victor Richards, M.D.
M. S. Koppelman, M.D.
C. Vance Hooper, M.D.
Samuel Morrison, M.D.

Neurology

Irving J. Spear, M.D., *Professor of Neurology*
G. M. Settle, M.D., *Associate Professor of Neurology*
Leon Freedom, M.D., *Chief of Clinic*

Mental Hygiene

Ralph P. Truitt, M.D., *Director*
Elmer Klein, M.D.

Diseases of the Lungs

C. C. Habliston, M.D., *Chief of Clinic*
H. C. Smith, M.D.

Diseases of Metabolism

H. M. Stein, M.D., *Chief of Clinic*
L. P. Gundry, M.D.

Cardiovascular Diseases

William S. Love, Jr., M.D., *Chief of Clinic*
Charles Gill, M.D.
Frank J. Geraghty, M. D.
Samuel J. Harkin, M.D.

Allergy Clinic

H. M. Bubert, M.D., *Chief of Clinic*

Pediatrics

C. Loring Joslin, M.D., *Professor of Clinical Pediatrics*
John H. Traband, M.D., *Chief of Clinic*
Clarence E. Macke, M.D., *Chief of Clinic*

Albert Jaffe, M.D.
William J. Todd, M.D.
F. Stratner Orem, M.D.
William G. Geyer, M.D.
R. M. Hening, M.D.
Marie Kovner, M.D.
Clewell Howell, M.D.
Samuel Glick, M.D.
M. N. Putterman, M.D.
A. H. Finkelstein, M.D.
Carl P. Roetling, M.D.
M. Paul Byerly, M.D.
Morris A. Fine, M.D.
S. C. Feldman, M.D.
William G. Queen, M.D.
Harry A. Rutledge, M.D.
S. Kendig Wallace, M.D.
Robert H. Miles, M.D.
Elizabeth S. Sherman, M.D.

Surgery

Charles Reid Edwards, M.D., *Chief of Clinic*

J. Willis Guyton, M.D.
Thomas B. Aycock, M.D.
E. S. Johnson, M.D.
L. U. Lumpkin, M.D.
W. R. Johnson, M.D.
C. F. Karns, M.D.
A. C. Monninger, M.D.
W. W. Walker, M.D.
A. V. Buchness, M.D.
H. E. Reifschneider, M.D.

Orthopaedic Surgery

Robert W. Johnson, Jr., A.B., M.D., *Professor of Orthopaedic Surgery*
Raymond Lenhard, A.B., M.D., *Chief of Clinic*

Harry L. Rogers, M.D.
Moses Gellman, M.D.
I. H. Maseritz, M.D.
W. A. Simpson, M.D.

Genito-Urinary

W. H. Toulson, M.D., *Chief of Clinic*

Harris Goldman, M.D.
Milton C. Lang, M.D.
Samuel J. Helms, M.D.
L. K. Fargo, M.D.
Lyle J. Millan, M.D.

Roentgenology

Henry J. Walton, M.D., *Chief of Clinic*
Eugene L. Flippin, M.D.

Dermatology

H. M. Robinson, M.D., *Chief of Clinic*

M. H. Goodman, M.D.
Francis Ellis, M.D.
Harry Wasserman, M.D.
A. C. Monninger, M.D.

Nose and Throat

Edward A. Looper, M.D., *Clinical Professor of Diseases of the Nose and Throat.*

Franklin B. Anderson, M.D., *Chief of Clinic*

F. A. Holden, M.D.
Thomas O'Rourke, M.D.
Charles H. Cahn, M.D.
Edward Talbott, M.D.
Joseph Nurkin, M.D.

Colon and Rectum

Monte Edwards, M.D., *Chief of Clinic*

Gynecology

J. M. Hundley, Jr., M.D.
James J. Marston, M.D.
William J. Fulton, M.D.
Leo Brady, M.D.
John T. Hibbits, M.D.
Kenneth Boyd, M.D.
Joseph V. Castagna, M.D.
E. Eugene Covington, M.D.
Thomas S. Boyer, M.D.

Obstetrics

L. H. Douglas, M.D., *Chief of Clinic*

J. G. M. Reese, M.D.
M. Alexander Novey, M.D.
Maxwell Mazer, M.D.
Isadore A. Siegel, A.B., M.D.
Margaret B. Ballard, M.D.
Daniel S. Fisher, M.D.
S. K. Wallace, M.D.

Eye and Ear

Clyde A. Clapp, M.D., *Professor of Ophthalmology*
J. W. Downey, M.D., *Professor of Otology*

Charles Cahn, M.D.
John G. Runkel, M.D.
A. L. MacLean, M.D., C.M.
H. F. Graff, A.B., M.D.

Social Service

Miss Grace Pearson, *Directress*

Dispensary Report from October 1, 1929 to September 30, 1930

	Patients		
Departments	New	Re-visits	Total
Pediatrics	3,102	18,107	21,209
Dermatology	6,369	12,089	18,458
Surgery	3,209	9,635	12,844
Obstetrics	1,796	6,837	8,633
Orthopedic	852	7,524	8,376
Medicine	1,992	6,315	8,307
Genito-Urinary	1,037	4,621	5,658
Gynecology	1,346	2,859	4,205
Eye	906	2,045	2,951
Nose and Throat	1,331	1,126	2,457
Ear	447	494	941
Gastro-Intestinal	156	747	903
Neurology	195	567	762
Proctology	160	358	518
Cardiology	69	348	417
Cystoscopy	50	187	237
Tuberculosis	62	141	203
Mental Hygiene	451	1,127	1,578
Total	23,530	75,127	98,657

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of administering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present Hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space has compelled the erection of additions, until now there are accommodations for 275 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

Mercy Hospital is located in the center of a city of 800,000 inhabitants.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

It adjoins the College building, and all surgical patients from the public wards are operated upon in the College operating rooms. This union of the Hospital and College buildings greatly facilitates the clinical teaching.

Mercy Hospital is the hospital of the United Railways and Electric Company of Baltimore City, and receives patients from the Baltimore and Ohio Railroad Company and from the Pennsylvania Railroad Company and its branches.

BOARD OF GOVERNORS

Samuel M. Shoemaker, Esq., *Chairman*

Mother M. Picarda
Sister M. Helen
Sister M. Hildegarde
Sister M. Anita
Sister M. Cornelia
Dr. Alexius McGlannan
Dr. Walter D. Wise
Dr. Thomas K. Galvin
Dr. Waitman F. Zinn
Dr. Standish McCleary

MERCY HOSPITAL STAFF

SURGICAL DIVISION

Alexius McGlannan, A.M., M.D.
W. D. Wise, M.D.
C. F. Blake, M.D.
Elliott Hutchins, M.D.
A. M. Evans, M.D.
F. L. Jennings, M.D.

Associate Surgeons

R. H. Locher, M.D.
T. R. Chambers, M.D.
I. O. Ridgley, M.D.
N. C. Marvel, M.D.
D. J. Pessagno, M.D.

Assistant Surgeons

Charles Maxson, M.D.
A. B. McElwain, M.D.
T. J. Touhey, M.D.
Dwight Mohr, M.D.
H. F. Bongardt, M.D.
J. W. Nelson, M.D.

Ophthalmologists and Otologists

Harry Friedenwald, M.D.

Associates

H. K. Fleck, M.D.
J. W. Downey, M.D.

Rhinologists and Laryngologists

Frank D. Sanger, M.D.
W. F. Zinn, M.D.
George W. Mitchell, M.D.
Raymond McKenzie, M.D.

Associates

F. A. Pacienza, M.D.
Birckhead McGowan, M.D.

Proctologist

Charles F. Blake, M.D.

Orthopaedic Surgeon

Albertus Cotton, M.D.

Associate

H. L. Rogers, M.D.

Urologist

Alexander J. Gillis

Associate

Kenneth B. Legge, M.D.

Dentist

J. D. Fusco, D.D.S.

MEDICAL DIVISION

Physicians

Maurice C. Pincoffs, M.D.
Standish McCleary, M.D.
Cary B. Gamble, M.D.
Harvey G. Beck, M.D.

Associates

Hubert C. Knapp, M.D.
C. C. W. Judd, M.D.
H. R. Peters, M.D.
Bartus T. Baggott, M.D.
George McLean, M.D.
A. A. Sussman, M.D.
L. A. M. Krause, M.D.
John E. Legge, M.D.

Assistant Physicians

Wetherbee Fort, M.D.
J. S. Eastland, M.D.
J. M. Miller, M.D.
S. A. Tumminello, M.D.

Gastro-Enterologist

Julius Friedenwald, M.D.

Associates

T. Frederick Leitz, M. D.
Theodore Morrison, M.D.

Assistants

Maurice Feldman, M.D.
Joseph Sindler, M.D.

Pediatricians

John Ruhrah, M.D.
Edgar B. Friedenwald, M.D.

Associate Pediatrician

F. B. Smith, M.D.

Assistant Pediatrician

W. F. Schmitz, M.D.

Neurologist and Psychiatrist

Andrew C. Gillis, M.D.

Associates

Milford Levy, M.D.

Dermatologist

Melvin Rosenthal, M.D.

OBSTETRICAL DIVISION

Charles E. Brack, M.D.	E. P. Smith, M.D.
A. Samuels, M.D.	J. J. Erwin, M.D.
W. S. Gardner, M.D.	T. K. Galvin, M.D.
G. A. Strauss, M.D.	E. S. Edlavitch, M.D.

GYNECOLOGICAL DIVISION

Gynecologists

William S. Gardner, M.D.
Abram Samuels, M.D.
George A. Strauss, M.D.
E. P. Smith, M.D.
T. K. Galvin, M.D.

Associate

J. J. Erwin, M.D.

Assistants

E. S. Edlavitch, M.D.
Frank K. Morris, M.D.

PATHOLOGICAL DIVISION

Standish McCleary, M.D.
Hugh R. Spencer, M.D.

Clinical Pathologists

H. T. Collenberg, M.D.
H. R. Peters, M.D.
Emil G. Schmidt, Ph.D.

Technicians

Sister M. Joan, Ph.G., R.N.
Eleanor Behr, R.N.
Frances Donovan, R.N.

X-RAY DEPARTMENT

Radiographers

Albertus Cotton, M.D.
Harry L. Rogers, M.D.

Technician—Sister M. Antonia, R.N.

MERCY HOSPITAL RESIDENT STAFF

Resident Surgeon

Julius J. Leyko, M.D.

Assistant Resident Surgeons

J. T. McAndrew, M.D.
Eldred Roberts, M.D.

Resident, Nose and Throat

Benjamin Rich, M.D.

Resident Physician

Earl R. Chambers, M.D.

Resident Gynecologist

Harry Anker, M.D.

Interne Staff 1930-31

G. M. Baumgardner, M.D.
M. D. Bonner, M.D.
P. E. Berry, M.D.
J. Howard Burns, M.D.
Jacob G. Fernan, M.D.
Julius Goodman, M.D.
G. Bowers Mansdorfer, M.D.
Jack D. Owens, M.D.
Joseph J. Smith, M.D.
Horace G. Strickland, M.D.
W. Merle Warman, M.D.
Ralph F. Young, M.D.

DISPENSARY STAFF OF MERCY HOSPITAL

Surgery Supervisors

A. M. Evans, M.D.
N. C. Marvel, M.D.
H. F. Bongardt, M.D.

Attending Surgeons

D. H. Mohr, M.D.
H. F. Bongardt, M.D.
I. O. Ridgley, M.D.
T. J. Touhey, M.D.
John O'Connor, M.D.
J. W. Nelson, M.D.

Genito-Urinary Surgery

A. J. Gillis, M.D.
K. B. Legge, M.D.

Orthopaedic Surgery

Albertus Cotton, M.D.
Harry L. Rogers, M.D.
I. H. Maseritz, M.D.

Medicine Supervisor

M. C. Pincoffs, M.D.

Attending Physicians

Henry Sheppard, M.D., *Chief of Clinic*
J. M. Miller, M.D.
S. Snyder, M.D.
S. A. Tumminello, M.D.
R. Hooper Smith, M.D.

Cardiovascular Diseases

T. C. Wolff, M.D., *Chief of Clinic*

Diseases of the Lungs

S. Snyder, M.D., *Chief of Clinic*

Diseases of Metabolism

J. S. Eastland, M.D., *Chief of Clinic*

Allergic Diseases

H. M. Bubert, M.D., *Chief of Clinic*
S. Snyder, M.D.

Diseases of Stomach

Supervisor, Julius Friedenwald, M.D.

Attending Physicians

T. Frederick Leitz, M.D.
Theodore H. Morrison, M.D.
M. Feldman, M.D.
Joseph Sindler, M.D.
I. I. Levy, M.D.

Esophagoscopist

W. F. Zinn, M.D.

Nervous Diseases

Supervisor, A. C. Gillis, M.D.

Attending Physicians

Milford Levy, M.D.
Miriam F. Dunn, M.D.

Pediatrics

Supervisor, Edgar B. Friedenwald, M.D.
Attending Physician, W. J. Schmitz, M.D.

Gynecology
Supervisors

W. S. Gardner, M.D.
A. Samuels, M.D.

Attending Surgeons

George A. Strauss, M.D.
C. F. J. Coughlin, M.D.
J. J. Erwin, M.D.
E. Edlavitch, M.D.
F. K. Morris, M.D.
F. W. Gillis, M.D.

Diseases of Nose and Throat

W. F. Zinn, M.D.
R. F. McKenzie, M.D.
F. A. Pacienza, M.D.
Louis Small, M.D.
B. McGowan, M.D.

Diseases of Eye and Ear

H. F. Fleck, M.D.
M. Raskin, M.D.
J. I. Kemler, M.D.
F. A. Pacienza, M.D.

Dermatology

Melvin Rosenthal, M.D.

Social Service Department

Sister M. Helen, R.N.
Virginia Judge

MERCY HOSPITAL DISPENSARY

(1930)

	OLD	NEW	TOTAL
Surgical	1,962	802	2,764
Medical	1,537	902	2,439
Gynecological	511	258	769
Eye and Ear	372	251	623
Nose and Throat	547	473	1,020
Neurological	208	94	302
Children	232	197	429
Gastro-Intestinal	580	111	691
Dental	80	81	161
Rectal	77	45	122
Orthopaedic	788	314	1,102
Skin	332	194	526
Genito-Urinary	2,889	514	3,403
Roentgenology			355
Totals	10,115	4,236	14,706

OTHER CLINICAL FACILITIES

THE BALTIMORE CITY HOSPITALS

The clinical advantages of the University have been largely increased by the liberal decision of the Board of Supervisors of City Charities to allow the immense material of these hospitals to be used for the purpose of medical education. There are daily visits and clinics in medicine and surgery by the Staff of the Hospitals. The autopsy material is unsurpassed in this country in amount, thoroughness of study, and the use made of it in medical teaching.

The Baltimore City Hospitals consist of the following separate hospitals:

The General Hospital, 209 beds.
The Hospital for Chronic Cases, 427 beds.
The Hospital for Tuberculosis, 172 beds.
The Psychopathic Hospital, 325 beds.
Infirmary (Home for Aged), 911 beds.

STAFF OF THE BALTIMORE CITY HOSPITALS

R. E. Longan, Brig. Gen., *Superintendent*

VISITING STAFF

Thomas R. Boggs, S.B., M.D., *Physician-in-Chief.*
Arthur M. Shipley, Sc.D., M.D., *Surgeon-in-Chief.*
C. C. Habliston, M.D., *Physician-in-Chief to the Tuberculosis Hospital.*
Harry Goldsmith, M.D., *Physician-in-Chief, Psychopathic Hospital.*
S. S. Blackman, A.B., M.D.,*Visiting Pathologist.*
Maurice J. Abrams, M.D., *Resident Pathologist.*

CONSULTING STAFF

Gynecologists

R. G. Willse, M.D.
J. Mason Hundley, Jr., M.A., M.D.

Urologist

W. H. Toulson, A.B., M.D.

Laryngologists

H. R. Slack, M.D.
E. A. Looper, M.D.
W. F. Zinn, M.D.
Franklin B. Anderson, M.D.

Pediatrician

Lawson Wilkins, M.D.

Neurological Surgeon

Charles Bagley, M.D.

Psychiatrists

Esther L. Richards, M.D.

Orthopaedist

H. L. Wheeler, M.D.

Proctologist

Monte Edwards, M.D.

Assisting Visiting Physician

Charles R. Austrian, M.D.

Assistant Visiting Surgeons

Frank S. Lynn, M.D.
C. A. Reifschneider, M.D.
E. M. Hanrahan, A.B., M.D.
T. B. Aycock, M.D.
L. U. Lumpkin, M.D.

Assistant Neurologist

O. R. Langworthy, M.D.

Assistant Physician—Tuberculosis

Henry C. Smith, M.D.

Ophthalmologist

Cecil Bagley, M.D.

Obstetrician

Louis H. Douglas, M.D.

Dermatologist

Isaac R. Pels, M.D.

Roentgenologist

John W. Pierson, M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Hillsdale. The site is just within the northwestern city limits and of easy access from the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A modern hospital building has just been completed, with every facility for operative treatment and physiotherapy of all types of bone and joint affections.

The hospital is equipped with 82 beds—endowed, and city and state supported.

The Children's Orthopaedic Dispensary at University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physiotherapy department is very well equipped with modern appartus and trained personnel.

STAFF

Surgeon-in-Chief and Medical Director
ROBERT W. JOHNSON, JR., A.B., M.D.

Attending Orthopaedic Surgeon
ALBERTUS COTTON, A.M., M.D.

Associate Orthopaedic Surgeons
MOSES GELLMAN, B.S., M.D.
HARRY L. ROGERS, M.D.

Consulting Surgeons
J. M. T. FINNEY, A.B., M.D., D.S.M., F.R.C.S. (Eng. Ire.) Hon.
ARTHUR M. SHIPLEY, Sc.D., M.D.

Plastic Surgeon
JOHN STAIGE DAVIS, B.Sc., M.D.

Neurologic Surgeon
CHARLES BAGLEY, JR., A.B., M.D.

Consulting Oculist and Aurist
ALAN C. WOODS, M.D.

Oculist and Aurist
William Tarun, M.D.

Laryngologist
Edward A. Looper, M.D.

Assistant Laryngologists
F. B. Anderson, M.D.
Everett L. Bishop, M.D.
Allen Holden, M.D.
Marshall P. Byerly, M.D.

Dentists
John Wolf, D.D.S.

Consulting Physicians
Lewellys F. Barker, A.B., M.D.
Thomas B. Futcher, A.B., M.D.
Thomas R. Brown, A.B., M.D.
William S. Thayer, A.B., M.D.

Pediatrist
Benjamin Tappan, A.B., M.D.

Dermatologist
John R. Abercrombie, A.B., M.D.

Pathologist
Sydney M. Cone, A.B., M.D.

Attending Pathologist
Howard J. Maldeis, M.D.

Neurologist
Irving J. Spear, M.D.

Superintendent
Miss Gertrude Forrester, R.N.

Dispensary and Social Service Nurse
Miss Mabel S. Brown, R.N.

Physiotherapist, Masseuse and Instructor in Corrective Gymnastics
Mrs. Georgiana Wisong

Roentgenologists
Albertus Cotton, A.M., M.D.
Mrs. Georgiana Wisong

Instructors in Grammar School
Miss Mary H. Lee, *Principal*
Miss Mary Sampson, *Assistant*

Superintendent
Miss C. Gertrude Forrester, R.N.

ST. VINCENT'S INFANT ASYLUM

The facilities of this institution, containing 250 infants and children, have been kindly extended to the University of Maryland by the Sisters of Charity. This large clinic enables this school to present to its students liberal opportunities for the study of diseases of infants and children.

STAFF

Obstetrician

L. H. Douglass, M.D.

Pediatricians

W. C. Bacon, M.D.
C. L. Joslin, M.D.
Clewell Howell, M.D.

Surgeon

N. Winslow, M.D.

Dermatologist

J. A. Buchness, M.D.

Oculists

C. A. Clapp, M.D.
F. B. Anderson, M.D.

Orthopaedic Surgeon

H. L. Wheeler, M.D.

Physician

C. P. Clautice, M.D.

Epidemiologist

M. E. Ballard, M.D.

LIBRARIES

The University Library, founded in 1813 by the purchase of the collection of Dr. John Crawford, now contains 33,644 volumes, a file of 90 current medical journals, and several thousand pamphlets and reprints. It is well stocked with recent literature, including books and periodicals of general interest. The home of the Library is Davidge Hall, a comfortable and commodious building in close proximity to the classrooms and the laboratories of the Medical Department. The Library is open daily during the year for use of members of the Faculty, the students, and the profession generally.

The Library of the Medical and Chirurgical Faculty of Maryland, containing 42,000 volumes, is open to the students of the school. The leading medical publications of the world are received by the Library, and complete sets of many journals are available. Other Libraries of Baltimore are the Peabody (233,902 volumes) and the Enoch Pratt Free Library (600,000 volumes).

All these Libraries are open to the students of the school without charge.

ORGANIZATION OF THE CURRICULUM

The following curriculum is the result of a thorough revision of teaching in this school in order to meet modern requirements. The multiplication of specialties in medicine and surgery necessitates a very crowded course and the introduction of electives will very soon be depended on to solve some of the difficulties.

The curriculum is organized under eleven departments:

1. Anatomy (including Histology and Embryology).
2. Physiology.
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Pharmacology and Materia Medica.
6. Pathology.
7. Medicine (including Medical Specialties).
8. Surgery (including Surgical Specialties).
9. Obstetrics.
10. Gynecology.
11. Ophthalmology and Otology.

The instruction is given in four years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures and functions of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in Medicine and Surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the needs of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

DEPARTMENT OF ANATOMY, INCLUDING HISTOLOGY AND EMBRYOLOGY

C. L. Davis, M.D.	Professor of Anatomy
Eduard Uhlenhuth, Ph.D.	Professor of Gross Anatomy
John F. Lutz, M.D.	Associate in Histology
Frank H. Figge, B.S.	Instructor in Anatomy
Thomas B. Aycock, S.B., M.D.	Instructor in Anatomy
Monte Edwards, M.D.	Instructor in Anatomy
Joseph Pokorny, M.D.	Instructor in Histology
J. Hulla, M.D.	Instructor in Histology
H. S. Rubenstein	Instructor in Anatomy
R. W. Johnson, M.D.	Assistant in Histology

Gross Anatomy. *First Year.* Thirty-eight hours a week for 16 weeks. The entire course centers around the dissection of the human body. Each student is given opportunity to dissect an entire half (left or right) of the body. The dissection is supplemented by lectures and informal discussions. (One lecture a week for five weeks.)

Anatomy is taught as an independent science, emphasis being laid on the human species as contrasted with animal morphology. An attempt is made to familiarize the student with the elements of anthropometry, with systematic and regional anatomy, with the principles of topographical anatomy and with osteology.

The actual dissection is preceded by a general examination of the body surface and superficial organs. Opportunity is provided for taking representative measurements of the head, face, trunk and limbs and of acquiring a knowledge of using anthropometric instruments. Throughout the dissection the student is encouraged to take measurements and weights of all the major organs, including the brain and the endocrines, and to obtain a knowledge of the proportions of each organ to the body as a whole as well as to the variability of these proportions.

The dissection is undertaken in relation to topographical regions of the body, but systematic relations are continuously emphasized and, wherever possible, brought out by actual dissection.

Osteology is taught in conjunction with the dissection of the muscles and the study of the functional mechanism of the skeletomuscular apparatus. Each student is provided with a set of bones to aid him in his homework. A charge of $6 is made for each set, $4 of which is returned at the end of the year, while the remaining $2 are used for the upkeep of old and the purchase of new skeletal material. Fifty complete and perfect skeletons of the whole body and about as many of the limbs are available for reference and special advanced work.

At the end of the course the entire work is reviewed in a series of lectures presenting the entire anatomical basis of the most representative physiological activities, such as respiration, secretion, digestion, endocrine activity, parturition, etc.

Second, Third and Fourth Years. Opportunity is provided for advanced special dissections and for research work in every branch of anatomy. Dr. Uhlenhuth.

Total assigned hours, Gross Anatomy 472.

Histology and Embryology

First Year. Lectures, recitations and laboratory work, twelve hours each week for sixteen weeks. Histology and embryology are taught as a common subject, the histogenesis of a part preceding its histological study. (Lectures 20 hours; Laboratory 162 hours.)

The most important part of the work is done in the laboratory, where each student is provided with appartus, staining fluids and material necessary for the preparation of specimens for microscopical examination. An important aid to the course is the projection microscope and balopticon which are used for the projection upon a screen of magnified images of the specimens actually used in the laboratory, and of illustrations from standard textbooks.

Each student is provided with a loan collection of histological slides, for which a deposit of $10 is required. This deposit is refunded upon the return of the slides in a satisfactory condition. Dr. Davis and Dr. Lutz.

Neuro-Anatomy

During the second semester 36 hours are devoted to an elementary course in Neuro Anatomy. The human brain is dissected and microscopical sections of representative levels of the brain stem studied. Laboratory talks and lantern slide demonstration supplement the students work, the entire course being based on an effort to familiarize the student with the structure of the central nervous system as applied to its physiology. Dr. Davis. (Lectures 12 hours; Laboratory 24 hours.)

Graduate Courses

Anat. 101 *f.* (*Minor*). Human Gross Anatomy (10)—Five lectures, eighteen laboratory hours during October, November, December and January; three lectures and fifteen laboratory hours during February.

A complete dissection of the human body (exclusive of the central nervous system). Dr. Uhlenhuth and Dr. Aycock.

Anat. 102 *f.* (*Minor*). Mammalian Histology (6) One lecture, 11 laboratories.

A general survey of the histological structure of the organs of mammals and man. Opportunity is offered for examining and studying a complete collection of microscopical sections. Dr. Davis and Dr. Lutz.

Anat. 103 *s.* (*Minor*). Human Neurology (2)—3 lectures, 6 laboratory hours during May.

An elementary study of the human central nervous system.

This course is an introduction to the general structure of the central nervous system mainly directed towards the fibre tracts and the nuclei contained therein. It includes a brief study of the eye and the internal ear. The laboratory work is based on a systematic dissection of the human brain. Dr. Davis and Dr. Rubenstein.

Anat. 204 *s.* (*Major*). Advanced Neurology (4)—2 lectures, 4 laboratory hours April 1st to May 30th.

This is intended to amplify the minor course in neurology especially with reference to the anatomical structure and relations to the cranial nerves, and is essential to more advanced study in neurology. It consists essentially of a study of the brain stem. The laboratory work acquaints the student with the subject through the medium of appropriately prepared microscopic sections of the human brain stem. Neurology 103 s. or its equivalent is a prerequisite for this course. Dr. Davis.

Anat. 205 *f. and s.* (*Major*). For work leading to a Ph. D. in Anatomy. A study of neurological problems based on 103 s. and 204 s. Only students who have had preceding courses in neurology are eligible for this work. Dr. Davis.

Anat. 205 *s.* (*Major*). Comparative Morphology of the Endocrine Glands (at least 2) 1 lecture, 2 laboratory hours.

With the aid of preparations the comparative anatomy, histology and cytology of the endocrines of the vertebrates, including man, are studied. In addition the student is required to make a number of preparations.

It is intended to give the student appreciation of the structural basis of the physiological activity of the endocrine glands and of the gradual building up of the endocrine system during phylogenetic development from the lower vertebrates to man, making it possible to see the variations in the endocrines of higher vertebrates in the light of the phylogenetic potentiality of these organs. Dr. Uhlenhuth and Mr. Figge.

Anat. 207 *f. and s.* (*Major*). Advanced Endocrinology. (Credit and time dependent upon the student's qualifications.)

A study of the morphological equivalent of function. By means of proper experimentation the morphological responses of the endocrines to extrinsic and intrinsic factors are examined. This course will lead the student toward work for the Ph. D. in Anatomy. Dr. Uhlenhuth.

DEPARTMENT OF PHYSIOLOGY

FERDINAND A. RIES, M.D.	Associate Professor of Physiology and Acting Head of the Department
CHARLES C. CONSER, M.D.	Associate Professor of Physiology
O. G. HARNE, A.B.	Associate in Physiology
ELIZABETH PAINTER, A.B.	Assistant in Physiology

Second Year. Lectures, laboratory and recitations are given in the physiology of muscle and nerve, central nervous system, and digestion and secretion, followed by work on blood, circulation, internal secretions, special senses, respiration and metabolism.

Lectures and recitations	96 hours
Laboratory	144 hours
Total	240 hours

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Frank W. Hachtel, M.D.	Professor of Bacteriology
J. A. F. Pfeiffer, M.D.	Instructor in Bacteriology
Henry F. Buettner, M.D.	Instructor in Bacteriology
H. E. Levin, M.D.	Assistant in Bacteriology

Instruction in bacteriology is given in the laboratory to the students of the second year during the first semester. This includes the various methods of preparation and sterilization of culture media, the study of pathogenic bacteria and the bacteriological examination of water and milk. The bacteriological diagnosis of the communicable diseases is also included in this course. Animal inoculations are made in connection with the bacteria studied. The most important protozoa are also studied in the laboratory. The principles of general bacteriology are taught by quiz, conference and lecture.

The principles of immunology are presented by means of quizzes, conferences and lectures to the second-year class throughout the second semester, and practical experiments are carried out by the class in laboratory sessions.

	Bacteriology	Immunology
Lectures and recitations	16 hours	16 hours
Laboratory	128 hours	96 hours
Total	144 hours	112 hours

DEPARTMENT OF BIOLOGICAL CHEMISTRY

H. Boyd Wylie, M.D.	Professor in Biological Chemistry
Frank N. Ogden, M.D.	Associate in Biological Chemistry
Emil G. Schmidt, Ph.D.	Associate in Biological Chemistry
Ruth F. Carr, B.S.	Assistant in Biological Chemistry

This course is designed to present the fundamental concepts of Biological Chemistry. The principal constituents and the phenomena of living matter are discussed in the lectures and studied in the laboratory. Training is afforded in routine biochemical methods of investigation.

Lectures	76 hours
Conferences	20 hours
Laboratory	96 hours
Total	192 hours

PHARMACOLOGY AND MATERIA MEDICA

William Henry Schultz, Ph.B., Ph.D.	Professor of Pharmacology
Ruth Musser, B.A.	Instructor in Pharmacology
William Ellsworth Evans, B.A., M.A.	Assistant in Pharmacology
Joseph Millett, Ph.G., Ph.C., B.S.	Assistant in Pharmacology
William Glenn Harne	Demonstrator in Pharmacology

ISAAC E. EMERSON FELLOWS IN PHARMACOLOGY

Herman Schroeder, M.D., Ph.D.
Felix Steigerwaldt, Ph. D.

1. Materia Medica and Pharmacology. The prerequisites to this and the following courses in pharmacology are college chemistry, pharmaceutical and biological chemistry. Special courses in physical and colloidal chemistry are highly recommended.

2. Systematic Pharmacology. Second year. In teaching medical students the aim is to attain a mean between that which has a purely scientific bearing and that dominantly practical, so that both a critical attitude toward drugs and an understanding of the principles of dosage may be acquired. This is accomplished by lectures, quizzes, conferences and the following course of laboratory exercises.

3. Pharmacodynamics. Second Year. This laboratory course runs parallel with Pharmacology 2.

In the first part of the course the experiments are upon normal animals (anaesthetised). Special emphasis is laid upon technic and upon the student's ability to record and properly analyze the results.

The second half of the course partakes more of the character of experimental medicine. Pathological animals are treated with chemotherapeutic agents and the toxicity of the drug for the host and for the parasite are studied. Students who by this time have demonstrated ability and initiative are encouraged to do intensive work along lines of special interest.

4. Pharmacology of General and Local Anaesthetics and Soporifics. Four weeks; three lectures, three laboratory periods a week. This is a special course designed to meet the

needs of physician and graduate nurse who wish to acquire a knowledge of the more recent developments in the pharmacology of depressant and sleep-producing drugs. The course is so arranged that those properly qualified may continue the work under expert anesthetists in the wards of the hospitals connected with the university. Dr. Schultz.

Properly qualified students may be admitted, at the discretion of the head of the Department, to work outlined under graduate courses.

Materia Medica and Prescription Writing	
Lectures	20 hours
Conferences	10 hours
Laboratory	30 hours

Pharmacology	
Lectures	40 hours
Conferences	25 hours
Laboratory	102 hours

Graduate Courses

All students majoring in Pharmacology with a view to securing the degree of Master of Arts or Doctor of Philosophy should secure special training in Mammalian Physiology, Organic Chemistry 202 y, and Physical Chemistry 10 y or preferably 102 f.

Pharmacology 108 *f. and s.* (*Minor*). General Pharmacology (7), 3 lectures, 7 laboratory (January to May inclusive).

This course consists of 50 lectures and 40 laboratory periods of three hours each; offered each year, January to May inclusive, at Medical School. The fundamental principles of pharmacologic technic are taught in this course, hence it is a prerequisite for all other advanced courses in this subject. Dr. Schultz.

Pharmacology 209 *f.* (*Major*). The Pharmacology of Biologic Products.

This course involves problems of modern therapy that can be studied from the experimental physiological point of view, which includes such subjects as anaphylaxis, allergic reactions, anaphylactoid phenomena, non-specific protein therapy, toxins, antitoxins, and glandular products.

The seminars, lectures, and demonstrations will be somewhat broad in scope, but the research will be intensive along some one chosen subject.

Offered in alternate years beginning with 1930. Credit dependent upon quality of work. Dr. Schultz.

Pharmacology 210 *f.* (*Major*). The pharmacology of industrial poisons, including insecticides and parasite remedies. The nature of the subject matter of this course will vary from year to year. Credit will depend upon the amount and quality of the work accomplished.

Offered in alternate years beginning in 1931. Dr. Schultz.

Pharmacology 211 *f.* (*Major*). Chemotherapy.

The action of new synthetic compounds from a pharmacodynamic point of view. Credit will depend upon the amount and quality of the work accomplished. Dr. Schultz.

Pharmacology 212 *f. and s.* (*Major*). Pharmacology Seminar —One report period each week.

DEPARTMENT OF PATHOLOGY

Hugh R. Spencer, M.D.	Professor of Pathology
Standish McCleary, M.D.	Professor of Pathology
Sydney M. Cone, M.D.	Associate Professor of Pathology
Robert B. Wright, M.D.	Assistant Professor of Pathology
Albert E. Goldstein, M.D.	Associate in Pathology
Walter C. Merkle, M.D.	Associate in Pathology
C. Gardner Warner, M.D.	Associate in Pathology
M. Alexander Novey, M.D.	Instructor in Pathology
Wm. S. Love, Jr., M.D.	Instructor in Pathology
Howard M. Bubert, M.D.	Instructor in Pathology
Leon Freedom, M.D.	Instructor in Pathology
Maurice H. Goodman, M.D.	Instructor in Pathology
Benjamin Abeshouse, M.D.	Instructor in Pathology
M. C. Porterfield, M.D.	Instructor in Pathology
W. R. Johnson, M.D.	Instructor in Pathology
Frank J. Geraghty, M.D.	Assistant in Pathology
Maurice J. Abrams, M.D.	Assistant in Pathology

Courses of instruction in Pathology are given during the second and third years. These courses are based on previous study of normal structure and function and aim to outline the natural history of disease. Instruction is made as practical as possible that the student may become familiar with the appearance of tissues in disease and may be able to correlate anatomical lesions with clinical symptoms and signs.

1. GENERAL PATHOLOGY. (*Second Year.*) This course includes the study and demonstration of disturbances of the body fluids, disturbances of structure, nutrition and metabolism of cells, disturbances of fat, carbohydrate and protein metabolism, disturbances in pigment metabolism, inflammation and tumors.

2. APPLIED PATHOLOGY. INCLUDING GROSS MORBID ANATOMY AND MORBID PHYSIOLOGY. (*Third Year.*) In this course the special relation of lesions to clinical symptoms and signs is emphasized.

In the laboratory the class is divided into groups for the study of classified autopsy material.

3. AUTOPSIES. (*Third Year.*) Small groups of students attend autopsies at the morgues of the University Hospital and Baltimore City Hospital. They are required to assist at autopsies and to prepare protocols.

4. CLINICAL PATHOLOGY CONFERENCE. (*Fourth Year*). In collaboration with the Department of Medicine. Material from autopsies is studied with reference to the correlation of the clinical aspects with the pathological findings.

5. ADVANCED WORK IN PATHOLOGY. Properly qualified students will be permitted to carry out advanced or research work along the lines of experimental pathology.

SUMMARY

Second Year	
Lectures	60 hours
Laboratory	150 hours
Total	210 hours
Third Year	
Lectures	60 hours
Laboratory	120 hours
Total	180 hours
Fourth Year	
Clinical Pathological Conference	30 hours

DEPARTMENT OF MEDICINE

Maurice C. Pincoffs, B.S., M.D.	Professor of Medicine
Gordon Wilson, M.D.	Professor of Medicine
Standish McCleary, M.D.	Professor of Pathology and Clinical Medicine
Jos. E. Gichner, M.D.,	Professor of Clinical Medicine and Physical Therapeutics
G. Carroll Lockard, M.D.	Professor of Clinical Medicine
Harvey G. Beck, Sc.D., M.D.	Professor of Clinical Medicine
Harry M. Stein, M.D.	Professor of Clinical Medicine
Paul W. Clough, B.S., M.D.	Associate Professor of Medicine
C. C. W. Judd, A.B., M.D.	Associate Professor of Medicine
Sydney R. Miller, M.D.	Associate Professor of Medicine
Walter A. Baetjer, A.B., M.D.	Associate Professor of Medicine
Wm. H. Smith, M.D.	Associate Professor of Clinical Medicine
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
S. Lloyd Johnson, M.D.	Assistant Professor of Medicine
John G. Huck, M.D.	Assistant Professor of Medicine
George McLean, M.D.	Assistant Professor of Medicine
C. C. Habliston, M.D.	Assistant Professor of Medicine
L. A. M. Krause, M.D.	Assistant Professor of Medicine
H. R. Peters, M.D.	Assistant Professor of Medicine
H. M. Bubert, M.D.	Associate in Medicine
W. S. Love, Jr., A.B., M.D.	Associate in Medicine
William Michel, M.D.	Instructor in Medicine
M. G. Gichner, M.D.	Instructor in Medicine
William A. Strauss, M.D.	Instructor in Medicine
Henry Sheppard, M.D.	Instructor in Medicine
Wetherbee Fort, M.D.	Instructor in Medicine
J. S. Eastland, M.D.	Instructor in Medicine
R. Hooper Smith, M.D.	Instructor in Medicine
T. Nelson Carey, M.D.	Instructor in Medicine
Thomas C. Wolfe, M.D.	Instructor in Medicine
C. E. Gill, M.D.	Instructor in Medicine
Henry C. Smith, M.D.	Assistant in Medicine
Nathaniel Beck, M.D.	Assistant in Medicine
Carl Benson, M.D.	Assistant in Medicine
F. S. Waesche, M.D.	Assistant in Medicine
A. Scagnetti, M.D.	Assistant in Medicine
Earl T. Chambers, M.D.	Assistant in Medicine
Samuel T. Helms, M.D.	Assistant in Medicine
Bernard Cohen, M.D.	Assistant in Medicine
L. P. Gundry, M.D.	Assistant in Medicine

GENERAL OUTLINE

SECOND YEAR

Introduction to clinical medicine.
- (a) Introductory physical diagnosis.
  (3 hours a week, first semester.)
- (b) Medical clinics.
  (1 hour a week, second semester.)

THIRD YEAR

I. The methods of examination (13 hours a week).
- (a) History taking.
- (b) Physical diagnosis.
- (c) Clinical pathology.

These subjects are taught and practiced in the out-patient department and in the clinical laboratory.

II. The principles of medicine (7 hours a week).
- (a) Lectures, clinics and demonstrations in general medicine, neurology, pediatrics and preventive medicine.

III. The principles of therapeutics (2 hours a week).
Lectures and demonstrations in general therapeutics, physical therapeutics and materia medica.

FOURTH YEAR

The practice of medicine.

I. Clinical clerkship on the medical wards.
(26 hours a week for ten weeks.)
- (a) Responsibility, under supervision, for the history, physical examination, laboratory examination and progress notes of assigned cases.
- (b) Ward classes in general medicine, the medical specialties, and therapeutics.

II. Clinics in general medicine and the medical specialties.
(6 hours a week.)

III. Dispensary work in the medical specialties.

IV. Clinical pathological conferences (1 hour a week.)

Medical Dispensary Work

The medical dispensaries of both the Mercy and the University Hospitals are utilized for teaching in the third year. Each student spends two periods a week of two hours each in dispensary work.

The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Physical Diagnosis

Second Year. Didactic lectures and practical demonstrations in topographical anatomy and normal physical signs.

Third Year. The class is divided into small groups, and each section receives instruction for four hours a week for the entire session in the medical dispensaries of the hospitals. The large clinical material of the dispensaries and hospitals is utilized to give each student the opportunity to familiarize himself with the common types of bodily structure, with the normal variations in physical signs and with the physical signs of the chief pulmonary, circulatory and abdominal diseases.

Therapeutics

Third Year. General therapeutics and materia medica are taken up and an effort is made to familiarize the student with the practical treatment of disease. The special therapy of the chief diseases is then reviewed. One hour a week. Dr. Lockard.

The principles of physical therapy are taught in a special lecture and demonstration course consisting of six one-hour periods. Dr. Gichner.

Fourth Year. Special consideration is given to the practical application of therapeutic principles in bedside teaching and the chief therapeutic methods are demonstrated.

Tuberculosis

During the third year in connection with the instruction in physical diagnosis a practical course is given weekly to sections of the class at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

Syphilis

Third Year. During the third year the subject of syphilis is dealt with in the lecture course.

Fourth Year. An elective course in the therapeutic management of syphilis is offered in the dispensary.

CLINICAL PATHOLOGY

John G. Huck, M.D.	Assistant Professor of Medicine Head of Department of Clinical Pathology
H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence
M. G. Gichner, M.D.	Instructor in Medicine
William A. Strauss, M.D.	Instructor in Medicine
R. Hooper Smith, M.D.	Assistant in Medicine

During the third year the student is thoroughly drilled in the technic of the usual clinical laboratory work, so that he is able to perform all routine examination which may be called for during his fourth year, in connection with the work in the wards and dispensary.

The practical work is supplemented by a series of didactic lectures and demonstrations in which the entire teaching staff of the department takes an active part. The microscopical and chemical study of blood, exudates and transudates, gastric juice, spinal fluid, feces and urine are successively taken up, and special attention directed to the clinical significance of the findings.

Clinical parasitology from the standpoint of the infecting agent and the carrier is given careful consideration.

The entire course is thoroughly practical. Each student has his own microscope and is provided with blood counters and hemoglobinometer for his exclusive use, and every two students with a special laboratory outfit for all routine purposes.

During the fourth year the student applies what he has learned during the preceding year in the laboratories of the various affiliated hospitals. He is also supplied with a laboratory outfit which is sufficiently complete to enable him to work independently of the general equipment. Special instructors are available during certain hours to give necessary assistance and advice.

Lectures	32 hours
Laboratory	96 hours
Total	128 hours

GASTRO-ENTEROLOGY

Julius Friedenwald, A.M., M.D.	Professor of Gastro-Enterology
T. Fred Leitz, M.D.	Clinical Professor of Gastro-Enterology
J. Harry Ullrich, M.D.	Associate Professor of Gastro-Enterology
Theodore H. Morrison, M.D.	Associate Professor of Gastro-Enterology
Maurice Feldman, M.D.	Assistant Professor of Gastro-Enterology
Zachariah Morgan, M.D.	Associate in Gastro-Enterology
Joseph Sindler, M.D.	Associate in Gastro-Enterology
M. S. Koppelman, M.D.	Instructor in Gastro-Enterology
Isidore I. Levy, M.D.	Instructor in Gastro-Enterology
C. Vance Hooper, M.D.	Assistant in Gastro-Enterology

Fourth Year. Clinics, recitations and demonstrations to the class for one hour a week throughout the session. Dispensary instruction to small groups throughout the entire session. Practical instruction in the differential and clinical diagnosis and demonstrations of the newer methods of diagnosis in gastro-intestinal affections.

PSYCHIATRY

R. M. Chapman, M.D.	Professor of Psychiatry
H. S. Sullivan, M.D.	Associate Professor of Psychiatry
Ralph Truitt, M.D.	Assistant Professor of Psychiatry
Lewis B. Hill, M.D.	Associate in Psychiatry
Harry Goldsmith, M.D.	Instructor in Psychiatry

Third Year. In the third year the student attends fifteen clinical lectures and five clinics which are designed to be introductory to the more intensive work in psychiatry in the fourth year.

Fourth Year. The class is divided into sections for clinical conferences on selected groups of cases. Each student may work for a short period as assistant in the Mental Hygiene Clinic, and thus gain practical experience of the problems of history-taking, examination, and the care of psychiatric patients.

PEDIATRICS

Edgar B. Friedenwald, M.D.	Professor of Clinical Pediatrics
C. Loring Joslin, M.D.	Professor of Clinical Pediatrics
John H. Traband, M.D.	Assistant Professor of Pediatrics
Clarence E. Macke, M.D.	Assistant Professor of Pediatrics
Albert Jaffe, M.D.	Assistant Professor of Pediatrics
William J. Todd, M.D.	Associate in Pediatrics
William G. Geyer, M.D.	Associate in Pediatrics
Clewell Howell, M.D.	Associate in Pediatrics
Samuel S. Glick, M.D.	Associate in Pediatrics
F. Stratner Orem, M.D.	Instructor in Pediatrics
Frederick B. Dart, M.D.	Instructor in Pediatrics
Frederick Smith, M.D.	Instructor in Pediatrics
R. M. Hening, M.D.	Instructor in Pediatrics
Marie Kovner, M.D.	Instructor in Pediatrics
A. H. Finkelstein, M.D.	Instructor in Pediatrics
W. T. Schmitz, M.D.	Assistant in Pediatrics
S. C. Feldman, M.D.	Assistant in Pediatrics
M. Paul Byerly, M.D.	Assistant in Pediatrics
Louis T. Lavy, M.D.	Assistant in Pediatrics
Walter B. Johnson, M.D.	Assistant in Pediatrics

Third Year. Instruction during the third year consists of one lecture each week in which infant feeding and the most important diseases of infancy and childhood are especially emphasized. Drs. Joslin and Friedenwald.

Fourth Year. During this year a weekly clinical lecture is given where the character of disease is fully demonstrated and the students are afforded an opportunity for personal examination of all patients. In addition, ward classes are held weekly where bedside instruction is given. A section of the class also works daily at the Babies' and Children's Clinic. This clinic, which is under the direction of Dr. Joslin, has a yearly attendance of more than twenty thousand, and offers an excellent opportunity for study and observation of a wide variety of conditions under competent instructors.

Instruction is also given on the Children's Ward at the Mercy Hospital.

NEUROLOGY

Irving J. Spear, M.D.	Professor of Neurology
Andrew C. Gillis, A.M., M.D., LL.D.	Professor of Neurology
G. M. Settle, A.B., M.D.,	Associate Professor of Neurology and Clinical Medicine
Benjamin Pushkin, M.D.	Associate Professor of Clinical Neurology
Milford Levy, M.D.	Assistant Professor of Neurology
Leon Freedom, M.D.	Associate in Neurology

Third Year. Lectures and recitations one hour each week to the entire class. Instruction in clinical neurology two hours a week at the City Hospital to small groups. By means of didactic lectures and clinical conferences, there are considered the commoner types of diseases of the nervous system, the methods of neurological examination, and the relationship of signs and symptoms to pathological conditions. The material at the University and Mercy Hospitals is available.

Fourth Year. Clinical conference one hour each week to the entire class. This subject is taught at the University and Mercy Hospitals. All patients presented at these clinics are carefully examined; complete written records are made by the students who demonstrate the patients before the class. The patients are usually assigned one or two weeks before they are presented, and each student in the class must prepare one or more cases during the year.

WARD CLASS INSTRUCTION. In small sections at the University and Mercy Hospitals. In these classes the students come in close personal contact with the patients in the wards under the supervision of the instructor.

DISPENSARY INSTRUCTION. Small sections are instructed in the dispensaries of the University and Mercy Hospitals four afternoons each week. In this way students are brought into contact with nervous diseases in their earlier as well as later manifestations.

HYGIENE AND PREVENTIVE MEDICINE

C. Hampson Jones, M.D., C.M.	Professor of Hygiene and Public Health
V. L. Ellicott, M.D.	Instructor in Hygiene and Public Health
M. G. Tull, M.D.	Instructor in Hygiene and Public Health

Third Year. Two lectures a week throughout the session. The lectures will encompass the fundamental subjects: air, water, soil, food, disposal of wastes, communicable diseases, state and federal public health laws, and industrial diseases. Small groups visit the Sydenham Hospital weekly and are given practical instruction in the diagnosis, treatment and isolation of the contagious diseases.

Fourth Year. Demonstrations and discussion of Health Department work with emphasis on those phases which concern the practicing physician. The class is divided into small groups, each group making five visits to the Health Department of one to one and a half hours each.

MEDICAL JURISPRUDENCE

H. J. Maldeis, M.D.	Associate Professor of Medical Jurisprudence Baltimore City Post Mortem Physician

Fourth Year. One hour each week for one semester. (16 lecture hours.)

Inasmuch as Medical Jurisprudence teaches the application of every branch of medical knowledge to the needs of the law, civil or criminal, this course embraces the following: Proceedings in criminal and civil prosecution; medical evidence and testimony; identity and its general relations; sexual abnormalities; personal identity; impotence and sterility; rape; criminal abortions; signs of death; wounds in their medico-legal relations; death, natural and homicidal; malpractice; insanity and medico-legal autopsies.

DEPARTMENT OF SURGERY

ARTHUR M. SHIPLEY, Sc.D., M.D.	Professor of Surgery
ALEXIUS MCGLANNAN, A.M., M.D.	Professor of Surgery
NATHAN WINSLOW, A.M., M.D.	Clinical Professor of Surgery
PAGE EDMUNDS, M.D.	Clinical Professor of Industrial Surgery
WALTER D. WISE, M.D.	Clinical Professor of Surgery
FRANK S. LYNN, M.D.	Clinical Professor of Surgery
ELLIOTT H. HUTCHINS, A.M., M.D.	Clinical Professor of Surgery
CHARLES REID EDWARDS, M.D.	Clinical Professor of Surgery
THOMAS R. CHAMBERS, A.M., M.D.	Associate Professor of Surgery
R. W. LOCHER, M.D.	Associate Professor of Clinical Surgery
A. M. EVANS, M.D.	Associate Professor of Surgery
F. L. JENNINGS, M.D.	Associate Professor of Surgery
E. S. JOHNSON, M.D.	Associate Professor of Surgery
E. H. HAYWARD, M.D.	Associate in Surgery
C. A. REIFSCHNEIDER, M.D.	Associate in Surgery
M. J. HANNA, M.D.	Associate in Surgery
H. M. FOSTER, M.D.	Associate in Surgery
D. J. PESSAGNO, M.D.	Associate in Surgery
C. F. HORINE, M.D.	Associate in Surgery
I. O. RIDGLEY, M.D.	Associate in Surgery
H. F. BONGARDT, M.D.	Associate in Surgery
W. R. JOHNSON, M.D.	Instructor in Surgery
E. M. HANRAHAN, A.B., M.D.	Instructor in Surgery
THOMAS B. AYCOCK, A.B., M.D.	Instructor in Surgery
S. DEMARCO, M.D.	Instructor in Surgery
CLYDE MARVEL, M.D.	Instructor in Surgery
KARL J. STEINMULLER, A.B., M.D.	Instructor in Surgery
DWIGHT MOHR, M.D.	Assistant in Surgery
WM. R. GERAGHTY, M.D.	Assistant in Surgery
H. M. MCELWAIN, M.D.	Assistant in Surgery
J. G. ONNEN, M. D.	Assistant in Surgery
A. V. BUCHNESS, M.D.	Assistant in Surgery
ROBERT W. JOHNSON, M.D.	Assistant in Surgery
T. J. TOUHEY, M.D.	Assistant in Surgery
CLYDE F. KARNS, M.D.	Assistant in Surgery
L. U. LUMPKIN, M.D.	Assistant in Surgery
PAUL SCHENKER, M.D.	Assistant in Surgery
CARL P. ROETLING, M.D.	Assistant in Surgery
H. E. REIFSCHNEIDER, M.D.	Assistant in Surgery

The teaching is done in the anatomical laboratory and the dispensaries, wards, clinical laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

Instruction is given by means of lectures, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year, and continues throughout the third and fourth years.

Second Year

TOPOGRAPHIC AND SURGICAL ANATOMY. The course is designed to bridge the gap between anatomy in the abstract, and clinical anatomy as applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory, and students are required to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected when necessary to bring out outlines and relations of structures.

DIDACTIC LECTURES. Two hours a week for one semester, augmented by demonstrations with specimens, charts, and cross section. Dr. Hanna.

LABORATORY. Five hours a week for 16 weeks. Dr. Hanna, assisted by Dr. Johnson.

PRINCIPLES OF SURGERY. This course includes history-taking, records of physical examinations and of operations and progress notes; the preparation of surgical dressings, suture materials and solutions. It includes inflammation, infections, ulcers, gangrene, fistulae and sinuses, hemorrhage, shock and tumors; the use of splints, bed frames, bone plates, bone grafts, etc., local anaesthesia and the preparation of patients for operations. Lectures and conferences, two hours per week for one semester, to the entire class. Dr. Edwards.

Third Year

GENERAL AND REGIONAL SURGERY. Principles of surgery and general surgery, three hours a week throughout the year to the entire class, lectures, recitations and clinics. Drs. Shipley and Wise.

The class is divided into groups and receives instruction in history-taking, gross pathology, and surgical diagnosis—at the bedside and in the dead-house of the Baltimore City Hospitals. Drs. Shipley, Lynn, Reifschneider and Hanrahan.

Operative Surgery. Instruction is given in operative surgery upon the cadaver and on dogs. The class is divided into sections, and each section is given practical and individual work under the supervision of the instructors. Dr. Lynn, assisted by Drs. Winslow, Hayward, E. S. Johnson, Foster, Geraghty, Demarco, Horine, Pessagno, Onnen, W. R. Johnson, Steinmueller, Sigrist and R. W. Johnson.

Fractures and Dislocations. This course consists of instruction in the various forms of fractures, dislocations and their treatment. There is a regular schedule of didactic lectures, which is supplemented by practical demonstrations in diagnosis and treatment. This practical work is given at the Mercy, University and Baltimore City Hospitals. Drs. Lynn and Jennings.

Surgical Dispensary. Under supervision, the student takes the history, makes the physical examinations, attempts the diagnosis, and, as far as possible, carries out the treatment of the ambulatory surgical patients in the University and in the Mercy Hospitals. Mercy Hospital—Drs. Dwight Mohr, Ridgely, Touhey, Bongardt and McElwain. University Hospital—Drs. Lynn, Winslow, Edwards, E. S. Johnson and Foster.

Fourth Year

Clinics. A weekly clinic will be given at the Mercy and at the University Hospitals to one-half the class throughout the year. As far as possible this is a diagnostic clinic. Mercy Hospital—Dr. McGlannan. University Hospital—Dr. Shipley.

Surgical Pathology. A weekly exercise of one hour at Mercy Hospital for one semester, at which specimens from the operating room and museum are studied in the gross and microscopically, in relation to the case history. Dr. McGlannan.

Industrial Surgery. Operative and post-operative treatment of accident cases, with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. Edmunds.

Clinical Clerkship. The personal study of assigned hospital patients, under supervision of the staffs of University and of Mercy Hospitals, history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

WARD CLASSES. Ward class instruction in small groups will consist of ward rounds; surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. McGlannan, Wise, Elliot Hutchins, Evans and Jennings. University Hospital—Drs. Shipley, Edmunds, Lynn and Edwards.

ANAESTHESIA

Second Year

Lectures on history of anaesthesia: Ancient and Modern. General physiology of anaesthesia. Special physiology of each anaesthetic agent. Different methods of producing general anaesthesia, with a detailed description of each. The selection of the anaesthetic and method best suited for its administration in particular cases. Difficulties and accidents during and following anaesthesia, their causes, prevention and control. Different methods of resuscitation. Blood pressure: Its significance and bearing on selection of the anaesthetic and use as a guide during anaesthesia.

Eight hours to the entire class. Drs. S. Griffith Davis and W. G. Queen.

Fourth Year

During the clinics and operations before small groups, each student will be required to observe the administration of anaesthetics and to keep a chart recording blood pressure, pulse and respiration under the direction of an instructor.

DERMATOLOGY

MELVIN ROSENTHAL, M.D.	Professor of Dermatology
HARRY M. ROBINSON, M. D.	Clinical Professor of Dermatology
JOHN R. ABERCROMBIE, A.B., M.D.	Associate in Dermatology
FRANCIS ELLIS, A.B., M.D.	Instructor in Dermatology
A. C. MONNINGER, M.D.	Instructor in Dermatology
HARRY WASSERMAN, M.D.	Instructor in Dermatology
M. H. GOODMAN, A.B., M.D.	Instructor in Dermatology

Clinical conferences one hour each week to the entire class. This course will consist of demonstrations of the common diseases of the skin, in addition to a number of lectures on the general principles of Dermatology.

Dispensary instruction, University Hospital daily, in the diagnosis, and treatment of skin lesions, Drs. Robinson, Ellis, Goodman, Moninger. Mercy Hospital, Monday, Wednesday and Saturday, Dr. Rosenthal.

ORTHOPAEDIC SURGERY

Robert W. Johnson, Jr., A.B., M.D.	Professor of Orthopaedic Surgery
Albertus Cotton, A.M., M.D.	Professor of Orthopaedic Surgery
Compton Riely, M.D.	Clinical Professor of Orthopaedic Surgery
Harry L. Rogers, M.D.	Associate in Orthopaedic Surgery
W. A. Simpson, A.B., M.D.	Associate in Orthopaedic Surgery
Moses Gellman, M.D.	Associate in Orthopaedic Surgery
Raymond Lenhard, A.B., M.D.	Associate in Orthopaedic Surgery
Clement R. Monroe, M.D.	Instructor in Orthopaedic Surgery
I. H. Maseritz, M.D.	Assistant in Orthopaedic Surgery
J. G. Benesunes, M.D.	Assistant in Orthopaedic Surgery

In this course didactic, clinical, bedside and out-patient instruction is given. This instruction is provided in the University Hospital Amphitheatre, Mercy Hospital and Dispensary, Kernan Hospital and Industrial School for Crippled Children, at "Radnor Park" and in the Dispensary of the University Hospital.

Lectures or clinics are held at each of the hospitals named in town once a week. In addition, a weekly bedside clinic is held for small sections of the class at "Radnor Park" and Mercy Hospital. Daily teaching in the Dispensary is stressed.

The course covers instruction in the special methods of examination, pathology, diagnosis and treatment in this specialty.

A brief outline and demonstration is also given of the apparatus employed in Physiotherapy, Muscle Training and Corrective Gymnastics.

ROENTGENOLOGY

Henry J. Walton, M.D.	Professor of Roentgenology
Albertus Cotton, M.D.	Professor of Roentgenology
Eugene L. Flippin, M.D.	Instructor in Roentgenology

An effort is made to familiarize the student with the appearance of normal Roentgenograms, after which instruction is given in the interpretation of the more common pathological lesions seen on the X-ray films and fluroscopic screen. The history, physics and practical application of Roentgen Rays are alluded to, but not stressed. Weekly demonstrations are given to sections of the fourth year class.

DIATHERMY AND RADIUM THERAPY

Charles Reid Edwards, M.D.	Clinical Professor of Surgery

Students are taken in groups and are taught the indications for the use of radium in the treatment of malignant and non-malignant conditions. The course also includes the use of diathermy in the treatment of disease.

DISEASES OF THE NOSE AND THROAT

Edward A. Looper, M.D.	Professor of Diseases of the Nose and Throat
W. F. Zinn, M.D.	Clinical Professor of Diseases of the Nose and Throat
Franklin B. Anderson, M.D.	Associate in Diseases of the Nose and Throat
R. F. McKenzie, M.D.	Instructor in Diseases of the Nose and Throat
F. A. Holden, M.D.	Instructor in Diseases of the Nose and Throat
Birckhead McGowan, M.D.	Assistant in Diseases of the Nose and Throat
Thomas O'Rourke, M.D.	Assistant in Diseases of the Nose and Throat

Third Year. Instruction to entire class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly throughout the second semester by Dr. Looper.

Fourth Year. Dispensary instruction one and one-half hours daily, to small sections at the University and the Mercy Hospitals. The student is given opportunity to study, diagnose and treat patients under supervision. Ward classes and clinical demonstrations are given one and one-half hours weekly throughout the session in the University and the Mercy Hospitals.

The Looper Clinic, recently established in the University Hospital for bronchoscopy and esophagoscopy, affords unusual opportunities for students to study diseases of the larynx, bronchus and esophagus. The clinic is open to students daily from 2 to 4 P. M., under direction of Dr. Looper.

GENITO-URINARY DISEASES

W. H. Toulson, A.B., M.Sc., M.D.,	Clinical Professor of Genito-Urinary Diseases
A. J. Gillis, M.D.	Associate Professor of Genito-Urinary Diseases
Harris Goldman, M.D.	Associate in Genito-Urinary Diseases
Austin H. Wood, M.D.	Associate in Genito-Urinary Diseases
L. K. Fargo, M.D.	Instructor in Genito-Urinary Diseases
L. J. Millan, M.D.	Instructor in Genito-Urinary Diseases
K. D. Legge, M.D.	Instructor in Genito-Urinary Diseases

Third Year. Eight hours to the entire class. This course is a didactic one in the principles of Genito-Urinary Surgery. Dr. Toulson.

Fourth Year. The course includes urethroscopy, cystoscopy, ureter catheterization, renal functional tests, urography, urine cultures, etc. The teaching consists of clinics in the amphitheater, ward rounds, and attendance by members of the Senior class upon out-patients in the dispensary. The dispensary classes are carried on both at the Mercy and the University Hospital dispensaries. Every variety of venereal disease is here encountered and this rich wealth of material is available for teaching purposes. In addition to this, a cystoscopic clinic is conducted in another part of the dispensary, where the students are given practical instruction in the modern diagnostic methods.

DISEASES OF THE COLON AND RECTUM

G. Milton Linthicum, A.M., M.D.,	Professor of Diseases of Rectum and Colon
Charles F. Blake, M.D.	Professor of Diseases of Rectum and Colon
J. Dawson Reeder, M.D.,	Associate Professor of Diseases of Rectum and Colon
L. J. Rosenthal, M.D.,	Associate Professor of Diseases of Rectum and Colon
Monte Edwards, M.D.	Associate in Diseases of Rectum and Colon

Third Year. Six hours to the entire class. This course is for instruction in the diseases of the colon, sigmoid flexture, rectum and anus, and will cover the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Linthicum.

The class is divided into sections for clinical instruction in the Baltimore City Hospitals. Dr. Linthicum.

Fourth Year. Ward and Dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope and examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Blake and Rosenthal. University Hospital—Drs. Linthicum, Reeder and Monte Edwards.

BRONCHOSCOPY AND ESOPHAGOSCOPY

Waitman F. Zinn, M.D.,
Clinical Professor of Diseases of the Nose and Throat

Clinical Lectures and Demonstrations once weekly at University and Mercy Hospitals.

Etiology, symtomatology, diagnosis and prophylaxis of foreign bodies in the air and food passages. Bronchoscopy as an aid in the diagnosis and treatment of diseases of the lungs. Bronchoscopy as an aid to the surgeon. Diseases of the trachea. Diseases of the esophagus. All the phases of these subjects that the general practitioner should know are demonstrated clinically.

OTOLOGY

J. W. Downey	Professor of Otology
Franklin B. Anderson, M.D	Associate in Otology
F. A. Holden, M.D	Instructor in Otology

The course in Otology is planned to teach a practical knowledge of the anatomy and physiology of the ear, its proximity and relationship to the brain and other vital structures. The inflammatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology.

Third Year. The entire class is given instruction by means of talks, anatomical specimens and lantern slides.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery.

ONCOLOGY

J. Mason Hundley, Jr., A.B., M.A., M.D.	Associate in Gynaecology
Grant E. Ward, A.B., M.D.	Instructor in Surgery

Every facility for the diagnosis and treatment of neoplastic diseases is available; this includes Electro-Surgery, Radium Therapy and deep X-ray Therapy. Instruction for one hour a week to small groups of students is given in the history, physics and practical application of radium. Dr. Ward.

An out-patient clinic is held twice weekly which affords an opportunity for instruction to a limited number of students. The care of the General Surgical conditions is under the supervision of Dr. Ward. Dr. Hundley, has supervision of the Gynecological problems.

DEPARTMENT OF OBSTETRICS

J. M. H. Rowland, M.D.	Professor of Obstetrics
L. H. Douglass, M.D.	Professor of Clinical Obstetrics
Charles E. Brack, M.D.	Clinical Professor of Obstetrics
J. McF. Bergland, M.D.	Associate Professor of Obstetrics
Emil Novak, M.D.	Associate Professor of Obstetrics
E. P. Smith, M.D.	Associate in Obstetrics
J. G. M. Reese, M.D.	Associate in Obstetrics
M. A. Novey, A.B., M.D.	Associate in Obstetrics
J. G. Murray, Jr., A.B., M.D.	Associate in Obstetrics
A. C. Tiemeyer, M.D.	Associate in Obstetrics
Isadore A. Siegal, A.B., M.D.	Associate in Obstetrics
J. J. Erwin, M.D.	Instructor in Obstetrics
Margaret B. Ballard, M.D.	Assistant in Obstetrics
Daniel Fisher, M.D.	Assistant in Obstetric

Third Year. Three lectures and recitations each week by Drs. Bergland, Novak, Murray, Douglass and Rowland to entire class.

Manikin Work. Drs. Brack, Smith and Erwin to sections of class at Mercy Hospital, and Drs. Douglass, Siegel and Rowland at University Hospital.

Fourth Year. Clinical Conference. One hour each week. Drs. Rowland, Douglass and Murray.

Ward Classes. Six hours per week for five weeks to sections of class at University Hospital. Drs. Douglass, Reese and Novey.

Each member of the Senior class is required to deliver twelve women in their homes under supervision of the teaching and resident staff.

DEPARTMENT OF GYNECOLOGY

William S. Gardner, M.D.	Professor of Gynecology
Hugh Brent, M.D.	Professor of Clinical Gynecology
Abram Samuels, M.D.	Associate Professor of Gynecology
George A. Strauss, M..D.	Associate in Gynecology
R. G. Willse, M.D.	Associate in Gynecology
T. K. Galvin, M.D.	Associate in Gynecology
J. M. Hundley, Jr., M.D.	Associate in Gynecology
Leo Brady, M.D.	Associate in Gynecology
E. E. Edlavitch, M.D.	Assistant in Gynecology

Third Year. Diadactic Work. A course of thirty lectures and recitations.

Fourth Year. Clinical Work. Six hours weekly for one trimester. In this course the student writes the clinical history of each patient in the ward, makes a general physical examination, including the blood and urine, before the patient is brought before the class. A pelvic examination is made by six students, and any operation required is then done before a section of the class small enough to see clearly what is being done and how it is done. On a subsequent day the whole group examines, microscopically, sections prepared from material removed from patients that have been before them.

DEPARTMENT OF OPHTHALMOLOGY

Clyde A. Clapp, M.D.	Professor of Ophthalmology
M. Randolph Kahn, M.D.	Clinical Professor of Ophthalmology
H. K. Fleck, M.D.	Associate Professor of Ophthalmology
R. D. West, M.D.	Associate in Ophthalmology
Jonas Friedenwald, A.B., M.D.	Lecturer in Ophthalmic Pathology
Joseph I. Kemler, M.D.	Associate in Ophthalmology
A. Lloyd MacLean, M.D.	Instructor in Ophthalmology
Charles Cahn, M.D.	Instructor in Ophthalmology
F. A. Holden, M.D.	Instructor in Ophthalmology
M. L. Small, M.D.	Instructor in Ophthalmology
Henry F. Graff, A.B., M.D.	Instructor in Ophthalmology
John G. Runkle, M.D.	Assistant in Ophthalmology

Third Year. Second semester, Course in Diseases of the Eye by M. Randolph Kahn, consisting of lectures and demonstrations upon the commoner diseases of the eye and its appendages with demonstration of refractive errors. Section work weekly demonstrating the use of the ophthalmoscope upon both the artificial eye and patients.

Fourth Year. Clinics and Demonstrations in Diseases of the Eye, weekly, for one year. Dr. Clapp.

Course consists of demonstrations of both patients and lantern slides of the more common diseases of the eye and their relationship to general disease.

Weekly ward classes at the University and the Baltimore Eye, Ear and Throat Hospital, City Hospitals during which the eye grounds of the various medical and surgical conditions are demonstrated, by Drs. Fleck, West, Kemler and Graff.

Also daily demonstrations in the taking of histories, the diagnosis and treatment of the various conditions as seen in the dispensary.

Third Year	
Lectures	20 hours
Laboratory	10 hours
Total	30 hours
Fourth Year	
Lectures and demonstrations	26 hours
Clinical work	20 hours
Total	56 hours

HISTORY OF MEDICINE

JOHN RATHBONE OLIVER, A.B., M.D., Ph.D.

Professor of the History of Medicine

During the past Academic year the lectures were devoted to Modern Medicine. Ten lectures were given. Five of these gave a general outline of the development of Modern Medicine, while the remaining five were devoted to outstanding personalities in the same period of medical history. A special emphasis was laid on America's contribution to medicine in connection with the lives of men like Beaumont, Walter Read, Trudeau and Osler. The lectures were illustrated with a large number of lantern slides especially selected by Col. Fielding Garrison, then of the General Surgeon's Library, and prepared by the official's photographer in Washington. During the past four years this course of lectures has covered in a general way the entire field of medical history so that any medical student who has attended the lectures during his four years' course has been given at least an outline of the history of his profession.

Beginning with the lectures of 1931-32 the four years' cycle will be repeated with a general introduction followed by lectures on Primative Medicine; the Medicine of Egypt, of Assyrio-Babylonia, of India, of Greece and of Rome.

FIRST YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 28, 1931, TO JANUARY 30, 1932

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00—11.00		Laboratory Biological Chemistry Section A	Laboratory Biological Chemistry Section B	Laboratory Biological Chemistry Section A	Laboratory Biological Chemistry Section B	
11.00—12.00	Biological Chemistry C. H.					
12.00 to 1.00	Lunch	Lunch	Lunch	Lunch	Lunch	
1.00 to 2.00	Biological Chemistry C. H.	Biological Chemistry C. H.	Biological Chemistry 29 S. Greene Street	Biological Chemistry C. H.	Biological Chemistry C. H.	
2.00 to 5.00	Laboratory Histology and Embryology	Laboratory Histology and Embryology		Laboratory Histology and Embryology	Laboratory Histology and Embryology	

SECOND SEMESTER, FEBRUARY 1 TO MAY 28, 1932

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	Laboratory *Anatomy	Laboratory Anatomy	Laboratory Anatomy	Laboratory Anatomy	Laboratory Anatomy	Laboratory Anatomy
12.00 to 1.00	Lunch	Lunch	Lunch	Lunch	Lunch	
1.00 to 2.00	Anatomy 29 S. Greene Street & A. H.	Anatomy C. H. & A. H.	Anatomy C. H. & A. H.	Anatomy C. H. & A. H.	Anatomy C. H. & A. H.	
2.00 to 5.00	Laboratory Anatomy	Laboratory Anatomy	Laboratory Anatomy	Laboratory Anatomy	Laboratory Anatomy	

* Anatomy includes both Gross and Neural Anatomy.

LOCATIONS OF LECTURE HALLS AND LABORATORIES:

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.
Anatomy Laboratory—Third Floor, Gray Laboratory, Lombard and Greene Streets.
Biological Chemistry Laboratory—Third Floor, 31 S. Greene Street.
Histology and Embryology Laboratory—32-34 S. Paca Street Sixth Floor.
Neural Anatomy Laboratory, 32-34 S. Paca Street, Sixth Floor.

Mid-Year Examinations—January 25 to January 30, 1932.
Final Examinations—May 23 to May 28, 1932.

SECOND YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 28, 1931, TO JANUARY 30, 1932

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9.00 to 10.00	Physiology A. H.	Physiology A. H.	Physiology A. H.	Laboratory Physiology Section A	Laboratory Physiology Section B	
10.00 to 11.00	Pharmacology A. H.	Pharmacology A. H.	Pharmacology A. H.			Physiology A. H.
11.00 to 12.00	Pathology A. H.	Pathology A. H.	Bacteriology A. H.			Surgical Anatomy C. H.
12.00 to 12.30 P. M.	Lunch	Lunch	(12-1 P. M.) Lunch	Lunch	Lunch	
12.30 to 2.30	Laboratory Bacteriology	Laboratory Bacteriology	(1-2 P. M.) Medicine C. H. (2–4 P. M.) Physical Diagnosis Univ. Hosp. Disp.	Laboratory Bacteriology	Laboratory Bacteriology	
2.30 to 3.30	Laboratory Physiology Section A Pharmacology Section B	Laboratory Physiology Section B Pharmacology Section A		Surgical Anatomy C. H.	Laboratory Surgical Anatomy	
3.30 to 5.30				Laboratory Surgical Anatomy		

SECOND YEAR SCHEDULE

SECOND SEMESTER, FEBRUARY 1, TO MAY 28, 1932

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 8.30 to 9.30	Surgery A. H.	Surgery A. H.	*Physiology A. H.	Laboratory Physiology Section A Pharmacology Section B	Laboratory Physiology Section B Pharmacology Section A	
9.30 to 10.30	Pharmacology A. H.	Pharmacology A. H.	Pharmacology A. H.			
10.30 to 11.30	Pathology A. H.	Pathology A. H.	Immunology A. H.			
11.30 to 12.00	Lunch	Lunch	Lunch	Lunch	Lunch	(11–12) Physiology C. H.
P. M. 12.00 to 2.00	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	Laboratory Pathology	(12–1) Medical Clinic Amp.
2.00 to 3.00	Physiology C. H.	Laboratory Immunology	Laboratory Immunology	Laboratory Physiology Section B Pharmacology Section A	Laboratory Physiology Section A Pharmacology Section B	
3.00 to 4.00	Physiology C. H.					
4.00 to 5.00						

LOCATIONS OF LECTURE HALLS AND LABORATORIES:

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.
C. H.—Chemical Hall, Lower Hall, N. E. Cor. Lombard and Greene Streets.

Laboratories:
Bacteriology—Second Floor, 31 S. Greene Street.
Immunology—Second Floor, 31 S. Greene Street.
Pathology—Second Floor, 31 S. Greene Street.
Pharmacology—Second Floor, Gray Laboratory, Lombard and Greene Streets.
Physiology—First Floor, Gray Laboratory, Lombard and Greene Streets.
Surgical Anatomy—Third Floor, Gray Laboratory, Lombard and Greene Streets.
Amp.—Amphitheatre, University Hospital, Lombard and Greene Streets.
Univ. Hospital, Disp.—Dispensary, University Hospital, Lombard and Greene Streets.
* Physiology Course Terminates March 31, 1932.

Mid-Year Examinations—January 25 to January 30, 1932.
Final Examinations—May 23 to May 28, 1932.

THIRD YEAR SCHEDULE

SESSION 1931-32

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.30	Therapeutics **C. H.**	Pathology **C. H.**	Medicine **C. H.**	Medicine **C. H.**	Pathology **C. H.**	Medicine **C. H.**
9.30 to 10.30	Obstetrics **C. H.**	Surgery **C. H.**	Obstetrics **C. H.**	Surgery **C. H.**	Medicine **C. H.**	Surgery **C. H.**
10.30 to 1.00	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch and Transfer	Physical Diagnosis Operative Surgery Dispensary Lunch
1.00 to 2.00	Surgical Clinic **Amp.** **Nose-Throat **C. H.**	Medical Clinic **Amp.**	Neurology **P. & S. 34**	(12.45–1.45) **Gynecology** **29 S. Greene**	Obstetrics **A. H.**	**Transfer**
2.15 to 3.15	Pathology Laboratory	Pathology Laboratory	(2.30–4.30) Section A Clinical Medicine Surgery Gross Pathology **at Baltimore City Hospitals**	(2–3) Clinical Pathology **29 S. Greene**	Clinical Pathology Laboratory	(2–4) Section B Clinical Medicine Surgery Gross Pathology **at Baltimore City Hospitals**
3.15 to 4.15				*(3–4) Eye and Ear **29 S. Greene**		
4.15 to 5.15	Preventive Medicine **A. H.**	Pediatrics **C. H.**	(2.15–4.15) Section B Group Work Ophthalmoscopy Practical Obstetrics **Univ. Hosp.**	Preventive Medicine Legal Medicine Mental Hygiene **29 S. Greene**		

From 10.30 A. M. to 1.00 P. M. the class is divided into two sections, one section reporting at Calvert and Saratoga Streets, the other at Lombard and Greene Streets.
C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
A. H.—Anatomical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital, S. W. Cor. Lombard and Greene Streets.
P. & S.—N. W. Cor. Calvert and Saratoga Streets. Rooms indicated on Second Floor.

At the beginning of the second semester Section "A" at Baltimore City Hospital on Saturdays, 2-4 P. M., and University Hospital on Wednesdays, 2.15-4.15 P. M.; Section "B" at Baltimore City Hospital on Wednesdays, 2.30-4.30 P. M.

Mid-Year Examinations—Jan. 25 to Jan. 30, 1932

Final Examinations—May 16 to May 28, 1932

*Ear—First semester.
*Eye—Second semester.
**Nose-Throat—Second semester.

FOURTH YEAR SCHEDULE
SESSION 1931-32

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
A. M. 9.00 to 11.00	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology	Ward Classes Medicine Surgery Obstetrics	Ward Classes Medicine Surgery Gynecology
11.00 to 12.00	Orthopaedic Surgery Univ.Sec.Amp. P. & S. Sec. 51	Medical Clinic Univ.Sec.Amp. Surgical Pathology P. & S. Sec. 40	Clinical Pathological Conference Univ.Sec.C.H. P. & S. Sec. 34	Surgical Clinic Univ.Sec.Amp. P. & S. Sec. 51	Medical Clinic Univ.Sec.Amp. P. & S. Sec. 34	Pediatrics Clinic Univ.Sec.Amp. P.& S. 34
P. M. 12.00 to 2.00	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary and Lunch	Dispensary Lunch and Transfer	Dispensary
2.15 to 3.15	Dermatology Clinic (Full Class at Univ. Hosp.) Amp.	Neurology Clinic Univ.Sec.Amp. P. & S. Sec. 34	Eye and Ear Clinic (Full Class at Univ. Hosp.) Amp.	Obstetrical Clinic (Full Class at Univ. Hosp.) Amp.	Gastro-Enterology Clinic (Full Class at Univ. Hosp.) Amp.	Genito-Urinary Clinic P. & S. Sec. 51
3.30 to 5.00	P. & S. Sec. Ward Classes Medicine Urology Eye and Ear	Ward Classes Therapeutics Proctology Radiotherapy	P. & S. Sec. Ward Classes Medicine Roentgenology Preventive Medicine	Ward Classes Medicine Nose & Throat Physical Therapeutics	Ward Classes Neurology Psychiatry U. H. Orthopaedic Surgery Kernan Hospital	
3.30 to 5.00	Univ. Sec. Ward Classes Medicine Urology		Univ. Sec. Ward Classes Medicine Roentgenology Eye and Ear	(5 to 6 P.M.) March, April and May History of Medicine C. H.		

The Senior Class is divided into two sections, which report, one at Lombard and Greene Streets, the other at Calvert and Saratoga Streets, for one semester each, then rotate.

Each section of the class is divided into three groups—Medical, Surgical, and Special. These groups will rotate on the following dates:

FIRST SEMESTER		SECOND SEMESTER	
1st period	Sept. 28-Oct. 31	1st period	Jan. 25-Feb. 27
2nd period	Nov. 2-Dec. 5	2nd period	Feb. 29-Apr. 9
3rd period	Dec. 7-Jan. 23	3rd period	Apr. 11-May 14

C. H.—Chemical Hall—N. E. Cor. Lombard and Greene Streets.
Amp.—Amphitheatre—University Hospital.
P. & S., 34—Second Floor, Calvert and Saratoga Streets.
P. & S., 40, 51—Fourth Floor, Calvert and Saratoga Streets.

Final Examinations—May 16 to May 21, 1932

For sub-sections of P. & S. ward classes, 3.30 to 5.00 P. M., see supplementary schedule at Mercy Hospital. For sub-sections of U. H. ward classes, 3.30 to 5.00 P. M., see Medical School bulletin board.

REQUIREMENTS FOR MATRICULATION

Admission to the course in medicine is by a completed Medical Student Certificate issued by the Registrar of the University of Maryland. This certificate is obtained from the Registrar on the basis of satisfactory educational credentials, and is essential for admission to any class.

The minimum requirements for the issuance of the Medical Student Certificate are:

(a) The completion of a standard four-year secondary school course, or the equivalent in entrance examinations, and at least

(b) Two years or sixty semester hours of college credits (exclusive of military science and physical education), including chemistry, physics, biology, English, and a modern foreign language. (See below for details.)

Women are admitted to the School of Medicine of this University.

(A) SECONDARY SCHOOL REQUIREMENTS

Graduation from an accredited secondary school, after pursuing a four-year course (based upon an approved elementary school course), or the equivalent as demonstrated by entrance examinations.

Total entrance units required, 15; prescribed, 9; elective, 6.

Prescribed (9 units); English (I, II, III, IV), 3 units; algebra to quadratics, 1 unit; plane geometry, 1 unit; foreign language, 2 units of one language; history, 1 unit; and science, 1 unit.

Elective (6 units), of which not more than 4 units in vocational subjects, (agriculture, commercial, home economics, shop, and drawing) will be accepted: Agriculture, astronomy, biology, botany, chemistry, civics, commercial, drawing, economics, general science, geology, history, home economics, languages, mathematics, physical geography, physics, zoology, or any other subject offered in a standard secondary school for which graduation credit is granted toward college or university entrance.

(B) DETAILS OF THE COLLEGE REQUIREMENT

a. The preliminary college course shall extend through two college sessions of at least thirty-two weeks each of actual instruction, including final examinations.

b. In excellence of teaching and in content, the work of this preliminary college course shall be equal to the work done in the freshman and sophomore years in standard colleges and universities.

c. This preliminary college course shall include courses in chemistry, physics, biology, English, and a modern foreign language, each course to embrace at least the credit shown in the schedule following:

SCHEDULE OF SUBJECTS OF THE TWO-YEAR PREMEDICAL COLLEGE COURSE

Sixty Semester Hours Required

REQUIRED COURSES:	*Semester Hours*
Chemistry (a)	12
Physics (b)	8
Biology (c)	8
English Composition and Literature (d)	6
Modern Foreign Language (e)	6

COURSES STRONGLY URGED:

Additional English.
Additional Foreign Language.
Comparative Vertebrate Anatomy.
Quantitative Analysis or other Advanced Chemistry.
Advanced Algebra and Trigonometry.
Psychology, Logic, Social Science, Economics, History, Political Science.

A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be of not less than fifty minutes' duration net, at least, two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

(a) CHEMISTRY. Twelve semester hours required of which at least eight semester hours must be in general inorganic chemistry, including four semester hours of laboratory work, and four semester hours in organic chemistry, including two semester hours of laboratory work. In the interpretation of this rule, work in qualitative analysis may be counted as general inorganic chemistry.

(b) PHYSICS. Eight semester hours required, of which at least two must be laboratory work. This course presupposes a knowledge of plane trigonometry.

(c) BIOLOGY. Eight semester hours required, of which four must be laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology, or by courses of four semester hours each in zoology and botany, but not by botany alone.

(d) ENGLISH COMPOSITION AND LITERATURE. The usual introductory college course of six semester hours, or its equivalent, is required.

(e) FOREIGN LANGUAGE. Six semester hours minimum requirement. A reading knowledge of a modern foreign language is very strongly urged. French and German have the closest bearing upon modern medical literature.

COMBINED COURSE IN ARTS AND SCIENCES, AND MEDICINE

A combined seven years' curriculum is offered leading to the degrees of Bachelor of Arts or Bachelor of Science and Doctor of Medicine. The first three years are taken in residence in the College of Arts and Sciences at College Park, and the last four years in the School of Medicine in Baltimore. (See University catalogue for details of quantitative and qualitative premedical course requirements.)

Upon the successful completion of the first year in the School of Medicine, and upon the recommendation of the Dean, the degree of Bachelor of Arts, or Bachelor of Science may be conferred by the College of Arts and Sciences.

Students are urged to consider carefully the advantages this combination course offers over the minimum requirements of the two years. By completing three years the training may be gradually broadened by a wider latitude in the election of courses in the arts subjects.

POST-GRADUATE STUDENTS

Graduates in medicine desiring to take the work of the senior year without being candidates for the degree, and, therefore, without examination, may receive a certificate of attendance on completing the full course satisfactorily.

The requirements for graduates in medicine admitted to the fourth-year class as candidates for the degree of Doctor of Medicine are the same as those enforced against undergraduates admitted to advanced standing.

Summer Post-Graduate Courses—In a later number of the Bulletin detailed announcement will be made of the Post-Graduate Summer Courses.

RULES

1. All students are required to take the spring examinations unless excused by the Dean. No student will be permitted to advance from a lower to a higher class with conditions.

2. Should a student be required to repeat any year in the course, he must pay regular fees.

3. A student failing in final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and to take examination in such other branches as may be required should he again be permitted to enter the school as a candidate for graduation.

4. The general fitness of a candidate for graduation will be taken into consideration by the Faculty as well as the results of his examination.

5. All students entering the School of Medicine of the University of Maryland are required to provide themselves with microscopes of a satisfactory type.

A standard microscope of either Bausch & Lomb, Leitz, Spencer Lens or Zeiss make, fitted with the following attachments, will fill the requirements:

Triple nose piece
Wide aperture stage
Quick Screw condenser (Abbe)
10 x and 5 x Oculars
16mm. and 4mm. Objectives
1.9mm. 125 N.A. Oil Immersion Lens

STUDENTS MUST BE PREPARED TO PURCHASE MICROSCOPES AT THE BEGINNING OF THE FIRST YEAR

All the above rules, as well as the fees stated below, relate to the year ending June 4th, 1932, only. The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the Faculty deems it expedient.

FEES

Matriculation fee (paid once)	$10.00
Tuition fee (each year) for residents of Maryland	350.00
Tuition fee (each year) for non-residents	500.00
Laboratory fee (each year)	25.00
Special and re-examination fee	5.00
Graduation fee	15.00

No fees are returnable.

The above fees apply to all students who matriculate in the School of Medicine in any class for the session beginning September 28, 1931.

All students, after proper certification, are required to register at the Office of the Registrar. (See calendar in front part of this bulletin for dates for the payments of fees, and the note regarding late registration fee.)

The matriculation fee is payable at the time the applicant is offered acceptance as a student.

The laboratory fee and one-half of the tuition fee for the year shall be paid at the time of the first semester registration, and one-half of the tuition fee shall be paid at the second semester registration date.

Failure to meet these conditions will automatically debar the student from attendance on classes and other privileges of the University.

When offering checks in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection.

DEFINITION OF RESIDENCE AND NON-RESIDENCE*

Students who are minors are considered to be resident students if, at the time of their registration, their parents* have been residents of this State for at least one year.

Adult students are considered to be resident students if, at the time of their registration, they have been residents of this State for a least one year.

The status of the residence of a student is determined at the time of his first registration in the University and may not thereafter be changed by him unless, in the case of a minor, his parents* move to and become legal residents of this State by maintaining such residence for at least one full calendar year. However, the right of the student (minor) to change from a non-resident to a resident status must be established by him prior to registration for a semester in any academic year.

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* The term "parents" includes persons who, by reason of death or other unusual circumstances, have been legally constituted the guardians of or stand in *loco parentis* to such minor students.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, and who are accepted as students by the University of Maryland, must apply immediately thereafter to their respective state board of education for a medical student qualifying certificate (Pennsylvania and New Jersey), or an approval of application for a medical student qualifying certificate (New York).

These certificates are to be on file in the Office of the Registrar, University of Maryland, during the period of attendance in the School of Medicine.

MEDICAL CARE OF STUDENTS

Beginning with the year 1930-31, the Medical Council has made provision for the systematic care of students in the Medical School, according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.
2. *Medical Attention*—Students in need of medical attention will be seen by the School Physician, Dr. T. N. Carey, in his office at the Medical School, between 4 and 5 P. M., daily, except Saturday and Sunday. In cases of necessity, students will be seen at their homes.
3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the Medical Council has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the School Physician's Office.
4. Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur. As minor visual defects are frequently unrecognized until detected by an ophthalmologist, it is especially urged that all new students have their eyes examined and any error of refraction corrected before beginning the course.

PRIZES AND SCHOLARSHIPS*

FACULTY PRIZE

To stimulate study among the candidates for graduation, the Faculty offers a Gold Medal to the candidate who secures the highest average during the four years of his course. Certificates of Honor are awarded to the five candidates standing next highest.

DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of $25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in Genito-Urinary Surgery.

SCHOLARSHIPS

The Dr. Samuel Leon Frank Scholarship

(Value $125.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this University.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Medical Council "to a medical student of the University of Maryland, who in the judgment of said Faculty, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold such scholarship for more than two years.

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* Note: Scholarships, unless specifically renewed on consideration of application, are for one year only.

The Charles M. Hitchcock Scholarships

(Value $125.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the University.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University upon nomination by the Medical Council to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Faculty satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

The Randolph Winslow Scholarship

(Value $125.00)

This scholarship was established by Prof. Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Medical Council, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Medical Council that he is worthy of and in need of assistance."

The Dr. Leo Karlinsky Scholarship

(Value $200.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of this University.

The scholarship is awarded to a second-year student who at the end of the first year passes the best examination in Anatomy, Histology, Embryology, and Biological Chemistry.

The University Scholarships

Two scholarships are awarded by the University: One to a student of the College of Arts and Sciences appointed by the President, to be held for only one year; the other, which entitles the holder to exemption from payment of the tuition fee of the year, is awarded annually by the Medical Council to a student of the Senior Class who presents to the Medical Council satisfactory evidence that he is of good moral character and is worthy of and in need of assistance to complete the course.

Frederica Gehrmann Scholarship

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and entitles the holder to exemption from payment of tuition fees. The scholarship is awarded to a third-year student who at the end of the second year passes the best practical examination in Anatomy, Physiology, Biological Chemistry, Pharmacology, Pathology, Immunology and Serology.

The Clarence and Genevra Warfield Scholarships

(Value, $300.00 each)

There are five scholarships established by the Regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships will be available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the State of Maryland which the Medical Council may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's interneship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited or in a county selected by the Council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Council, the money advanced by the Regents shall be refunded.

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ANNUAL HOSPITAL

On February 1st of each session
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TO THE UNIVERSITY

Two Resident Surgeons
Two Resident Physicians
One Resident Gynecologist

Two Re
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A number of students are appointed ea
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TO THE MERCY HOSPITAL

Chief Resident Physician
One Assistant Resident Physician
Chief Resident Surgeon
Five Assistant Resident Surgeons

One Resident Gyne
One Resident Obstet
Eight Junior Residen
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	Average	*Liberal*
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20	20	20
200	250	275
64	80	100
50	80	150
25	50	75
$409	$556	$720

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Medicine on the University
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ly to

. H. ROWLAND, M.D., *Dean,*
Lombard and Greene Streets

GRADUATES, UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS, JUNE 7, 1930

Aronofsky, Milton Robert, Ph.B., Connecticut
Ashman, Harry, B.S.........New York
Baumgardner, George Martin, A.B., Maryland
Baylus, Meyer Milby, Ph.G., Maryland
Belinkin, William, B.S.,.........New York
Benfer, Kenneth Louis, A.B., Maryland
Berkowitz, Rudolph, A.B., New York
Berry, Erwin Phifer, North Carolina
Blum, Joseph Sidney, Ph.G., Maryland
Bonner, Merle Dumont, North Carolina
Brown, Eugene Scott, B.S., West Virginia
Burns, John Howard, Jr., A.B., Maryland
Chance, Lester Thomas, B.S., North Carolina
Chenitz, William, B.S.........New Jersey
Cohen, Archie Robert, Ph.G., Maryland
Cohen, Irvin Joseph, Ph. G., Maryland
Cohen, Max Hurston, Ph.G., Maryland
Coppola, Matthew Joseph, B.S., New York
Durrett, Clay Earl, B.S.........Maryland
Dyar, Edna Gerrish, Ph.D., District of Columbia
Farinacci, Charles Joseph, A.B.......Ohio
Faw, Wylie Melvin, Jr.........Maryland
Feman, Jacob George, A.B....New York
Fiocco, Vincent James, B.S....New York
Fisher, Samuel.........New Jersey
Ford, John Leonard, B.S., Pennsylvania
Forrest, Daniel Efland, B.S., North Carolina
Garey, James Lyman, B.S., Pennsylvania
Garfinkel, Abraham, B.S.......New York
Gerner, Harry Ezekiel, B.S., New Jersey
Gersten, Paul Francis.........New York
Ginsberg, Leon, Ph.D.........New York
Goldman, Lester Milton, B.S., New Jersey
Goldstein, Jacob Everett, B.S., New York
Goodman, Julius Henry, Ph. G., Maryland
Hamer, William Alexander, B.S., North Carolina
Harrell, Leon Jackson, B.S., North Carolina
Harsha, Gene Melford, B.S., West Virginia
Helms, John Chapman, B.S.......Virginia
Hildenbrand, Emil John Christopher, B.S. ....Maryland
Hill, George Delmas, B.S., West Virginia
Hornbaker, John Harlan, A.B., Maryland
Hudson, Rollin Carl, A.B.......Maryland
Jackson, Marshall Vaden, North Carolina
Johnson, Marius Pitkin, A.B., Connecticut
Keller, Frederick Doyle, B.S., West Virginia
Kleinman, Abraham Morris, B.S., New York
Kovarsky, Albert Elias, A.B., New Jersey
Kraemer, Samuel Harry, B.S., New Jersey
Kremen, Abraham, A.B.........Maryland
Kuhn, Esther Frances, A.B., Maryland
Levin, Morton Loeb, Ph.G.......Maryland
Lewis, Frank Russell.........Maryland
Mace, Vernie Emmett, B.S., West Virginia
Magovern, Thomas Francis, New Jersey
Mansdorfer, George Bowers, B.S., Maryland
Miller, Benjamin Herman, A.B., Maryland
Miller, Isaac.........New Jersey
Miller, James Alton, A.B., Maryland
Montilla, Victor Jose.........Porto Rico
Mortimer, Egbert Laird, Jr., A.B., Maryland
Moser, Charles Yarnelle, B.S., West Virginia
Needle, Nathan E.........Maryland
Oliver, Robert Deleon, B.S., North Carolina
Oppenheim, Joseph Harry, New York
Owen, Duncan Shaw......North Carolina
Owens, Zack Doxey, B.S., North Carolina
Perlman, Robert, B.S.........New York
Reid, Francis Fielding, A.B., Maryland
Rineberg, Irving Edward, B.S., New Jersey

Romano, Nicholas Michael, Pennsylvania
Rosenthal, Abner Herman, B.S., New York
Shill, Benjamin, A.B.............New Jersey
Shulman, Louis Robert.............Maryland
Smith, Joseph Jacob, A.B., Connecticut
Snoops, George John, Jr., A.B., Maryland
Snyder, Nathan, Ph.G.............Maryland
Soltroff, Jack Gerson, B.S., Pennsylvania
Sperling, Nathaniel Mortimer, B.S., New York
Strickland, Horace Gilmore, B.S., North Carolina
Thompson, Carl Truman, B.S., A.B., West Virginia
Warman, Wilton Merle, A.B., B.S., West Virginia
Weinstein, Jack, B.S.............New York
Werner, Aaron Seth.............New York
Woolley, Alice Stone, B.S.......New York
Young, Ralph Funk.............Maryland
Zeiger, Samuel, B.S.............New York

Honors

University Prize Gold Medal.............Morton Loeb Levin

Certificates of Honor

Lester Milton Goldman
Max Hurston Cohen
John Harlan Hornbaker
Marius Pitkin Johnson
Abner Herman Rosenthal

Prizes

The Dr. Jose L. Hirsch memorial prize of $50.00 for the best work in Pathology during the second and third years.............Harry Ezekiel Gerner

The Dr. Leo Karlinsky memorial scholarship for the highest standing in the Freshman Class.............Meyer Leo Goldman

The Dr. A. Bradley Gaither memorial prize of $25.00 for the best work in Genito-Urinary Surgery during the senior year.............Joseph S. Blum

MATRICULATES, UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS, 1930-1931

FOURTH YEAR CLASS

Adalman, Philip, Ph.G.......Maryland
Allen, Howard Stanley......Pennsylvania
Andrew, David Holmes, A.B., Maryland
Arnett, Thomas Morrison, A.B., B.S., West Virginia
Bamberger, Beatrice, A.B.......Maryland
Barton, Paul Canfield, B.S.......Ohio
Baumgartner, Eugene Irving, A.B., Maryland
Berman, Henry Irving.......Maryland
Boggs, William Carroll, A.B., B.S., West Virginia
Brice, Arthur Talbott.......Maryland
Brill, Bernard, B.S.......New York
Brill, John Leonard, A.B., Pennsylvania
Cashwell, Roy Lee, B.S., North Carolina
Cloninger, Kenneth Lee, B.S. North Carolina
Contract, Eli, A.B.......Maryland
Davis, Melvin Booth, B.S.......Maryland
Dawson, William Maddren, B.S., New York
Donohue, Bernard Walker, A.B., Maryland
Drenga, Joseph Francis, A.B., Maryland
Eckstein, Harry, M.A.......New York
Edel, John Wesley, Jr., B.S., Maryland
Eisenberg, David Solomon, B.S., New York
Ernest, Roy Cooper, A.B.......Ohio
Feldman, Samuel, A.M.......Maryland
Feuer, Arthur, B.S.......New York
Foster, Ruth.......Massachusetts
Friedman, Joseph, B.S.......New York
Grossman, Isadore Karl, A.B., Maryland
Grove, Donald Birtner.......Maryland
Gundry, Rachel Krebs, A.B., Maryland
Hannum, Marvin Ray, B.S., West Virginia
Harris, Joseph William.......Utah
Helfrich, Raymond Frederick, A.B., Maryland
Hoffman, Reuben, A.B.......Maryland
Hollander, Mark Buckner, A.B., Maryland
Hornbrook, Kent Maidlow, West Virginia
Jacobson, Samuel Maurice, Ph.G., Maryland
Jaklitsch, Frank Henry, B.S., New York
Jensen, Carl Dana Fausbol, Washington
Jett, Page Covington, A.B.......Maryland
Jones, Arthur Ford.......Maryland
Karger, Abraham, B.S.......New York
Kaufman, Max, Ph.G.......New York
Keefe, Walter Joseph, A.B., Connecticut
Kermisch, Albert, Ph.G., B.S., Maryland
Kilgus, John Frank, Jr.......Pennsylvania
Kohn, Walter.......Maryland
Krieger, Jerome Leon, A.B.......Maryland
Krosnoff, Michael, B.S.......Pennsylvania
Lachman, Harry, B.S.......Maryland
Langeluttig, Harry Vernon, A.B., Maryland
Lanham, Alston Gordon, B.S., West Virginia
Lerner, Philip Frank, A.B.......Maryland
Leshine, Sidney Starr, B.S., Connecticut
Levine, David Robert, B.S.......New York
Lubin, Paul.......Maryland
Mahan, Edgar Wade, B.S., Pennsylvania
Mankovich, Desiderius George, Pennsylvania
Martin, Thomas Adrian, Ph.G., Maryland
Masterson, John Francis.......New Jersey
Meyer, Leo Martin, M.A.......New York
Morrison, Clarence Fisher, B.S., West Virginia
Moyers, Waldo Briggs, A.B., West Virginia
Murphy, Richard Lawrence, A.B., New Hampshire
Nocera, Francisco Paolo.......Porto Rico
Palitz, Leo Solomon, M.A.......New York
Rehmeyer, Walter Owen, B.S., Pennsylvania
Rhoads, John Peter.......Pennsylvania
Rodriguez, Manuel, B.S.......Porto Rico

FOURTH YEAR CLASS—Continued

Rohm, Robert Franklin......Pennsylvania
Rosenberg, Benjamin, B.S.......New York
Rozum, John Charles......New York
Seabold, William Merven, A.B., Maryland
Schimunek, Emmanuel Aloysius, A.B., Maryland
Seidman, Herman Harold, B.S., New York
Shaw, Christopher Campbell, Ph.B., Maryland
Shelley, Harry Sandberg, B.S., Maryland
Shochat, Albert Joshua, B.S., New York
Siwinski, Arthur George, A.B., Maryland
Skovron, Michael J., B.S., Pennsylvania
Slate, Marvin Longworth, A.B., North Carolina
Slavcoff, Alexander, B.S., Pennsylvania
Smith, Solomon, A.B......Maryland
Sprecher, Milford Harsh, B.S., Maryland
Sterling, Susanne......Maryland
Stevens, Russell Alvin, A.B., Pennsylvania
Taylor, Robert Bruce......Pennsylvania
Van Ormer, William Alfred, Pennsylvania
Warren, Edward William......New York
Whims, Harold Carter, B.S., North Carolina
Wigderson, Henry, B.S......New York

THIRD YEAR CLASS

Abrashkin, Mortimer Dick, B.S., Connecticut
Ahroon, Carl Richard, A.B., Maryland
Ashman, Leon, B.S......Maryland
Bell, Charles Raymond, B.S., Pennsylvania
Bell, James Russell......Pennsylvania
Bercovitz, Nathan......New York
Berger, Herbert, B.S......New York
Blum, Samuel Daniel, B.S., New York
Bogorad, Daniel Emil......Maryland
Brown, William Edward......California
Byer, Jacob, M.A......New York
Cannon, Martin......Ohio
Chimacoff, Hyman......New Jersey
Clayman, David Stanford, Ph.G., Maryland
Crecca, Anthony Daniel, Ph.G., New Jersey
Currie, Dwight McIver, A.B., North Carolina
Davis, Carroll Kalman......New York
Demarco, Salvatore Joseph, A.B., Maryland
Diamond, Joseph George, B.S., New Jersey
Dumler, John Charles, B.S., Maryland
Eichert, Herbert, Ph.G......Maryland
Eisenbrandt, William Henry, A.B., Maryland
Fein, Jack, B.S......New York
Fishbein, Elliot, M.S......New Jersey
Flom, Charles, Ph.G......Maryland
France, Andrew Menaris, B.S., Maryland
Ganz, Samuel Evans, M.A., New York
Geller, Samuel, B.S......New Jersey
Gershenson, David Abraham, A.B., Maryland
Gittleman, Solomon Ellman, B.S., New York
Glass, Albert Julius, Ph.G., Maryland
Gluckman, Albert Gerson, B.S., Delaware
Gorenberg, Harold, A.B., New Jersey
Grosh, Joseph Walter, B.S., Pennsylvania
Hall, Joseph Edwin, B.S., West Virginia
Halperin, David, B.S......New Jersey
Hammell, Frank Mull......New Jersey
Hantman, Irvin, Ph.G......Maryland
Harris, Jacob, A.B......New York
Hecht, Manes Schever, A.B., Maryland
Hendler, Hyman Bernard......Maryland
Hull, Harry Clay......Maryland
Jacobson, Meyer William, A.B., Maryland
Kaplan, Abraham Nathan, M.S., New York
Karfgin, Arthur, B.S......Maryland
Katz, Abraham, B.S......New York
Katz, Leonard......Maryland
Katzenstein, Lawrence, B.S., Maryland
Keiser, Sylvan......New York

THIRD YEAR CLASS—Continued

Kimmins, William Elias, B.S., West Virginia
Klimes, Louis Frank..........Maryland
Korostoff, Bernard..........New York
Kress, Milton Bernard, B.S. in Ph., Maryland
Krieger, Alexander Allan, Pennsylvania
Lechner, Sidney Israel, M.A., New York
Lefkowitz, Jacob, B.S..........New York
Legum, Samuel, A.B..........Maryland
Lerner, George, M.A..........New York
Lieberman, Samuel, M.S..........New York
Louft, Reuben Richard, A.B., Maryland
Markman, Harry David, B.S., New York
McGovern, William Joseph, B.S., Pennsylvania
McMillan, William Owen, West Virginia
Mebane, William Carter, North Carolina
Mickley, John Hoke, B.S., Pennsylvania
Miller, Myron Joseph, M.A., New York
Moores, John Duer..........Maryland
Nachlas, Arthur, A.B..........Maryland
Newnam, Alpheus Carlton......Maryland
Panebianco, Richard Robert, B.S., New York
Pear, Henry Robert, District of Columbia
Philip, Arthur Jay, B.S..........New York
Pink, Solomon Harris, B.S., New Jersey
Prigal, Samuel Jeremiah, B.S., New York
Proctor, Samuel Edward, A.B., Maryland
Prussack, Solomon, M.S., New Jersey
Reckson, Morris Murray, New York
Roberts, Marion Butler, A.B., North Carolina
Rohm, Jack Zeth..........Pennsylvania
Rosenthal, Stephen Isaiah, A.B., Pennsylvania
Rubenstein, Robert, B.S., New Jersey
Sager, Harold, B.S..........New Jersey
Sanchez, Robert Luis, A.B., Mexico
Saunders, Thomas Sewell, Ph.G., Maryland
Savage, John Edward, B.S., District of Columbia
Schwartz, David Israel, B.S., in Ph., Maryland
Shack, Max Herman..........New Jersey
Shaw, John Jacob, A.B..........New Jersey
Siegel, Sidney Leon, B.S., New Jersey
Silverstein, George, A.B., Connecticut
Simmons, John Frederick, Maryland
Snyder, Jerome, Ph.G..........Maryland
Sollod, Aaron Charles, B.S. in Ph., Maryland
Statman, Arthur James, B.S., New Jersey
Stein, Charles, A.B..........Maryland
Stephenson, Frank Richard, Maryland
Taylor, Francis Nicholson, A.B., Virginia
Thompson, Harry Goff..........Illinois
Tomlinson, Thomas H....North Carolina
Whicker, Max Evans......North Carolina
Wilson, Frank, B.S., North Carolina
Wirts, Carl Alexander, B.S., Pennsylvania
Zupnik, Howard Lester, B.S., Pennsylvania
Zuravin, Meyer Harry, B.S., New Jersey

SECOND YEAR CLASS

Aaron, Harold Henry, B.S....New York
Baker, George Stansbury, M.A., Maryland
Beanstock, Sam, B.S..........New York
Becker, Martin, M.S..........New Jersey
Bellin, David Elias, M.A., New York
Bernstein, Joseph, Ph.G..........Maryland
Blitzman, Louis, B.S..........New York
Bowman, Harry Daniel..........Maryland
Cohen, Marvin Meyer, B.S., New Jersey
Comegys, Richard Williamson, A.B., Maryland
Diehl, Harold Clayton, B.S., Maryland
Di Stasio, Frank, B.S..........Connecticut
Drucker, Victor, B.S..........New York
Emanuel, Meyer, B.S..........New York
Espinosa, Manuel..........Porto Rico
Etkind, Meyer George, B.S., Connecticut
Fineman, Jerome, Ph.G..........Maryland
Franklin, Frank Anthony...New Jersey
Goldman, Abram, Ph.G..........Maryland

SECOND YEAR CLASS—Continued

Goldman, Alexander Blodnick, B.S., New York
Goldman, Meyer Leo., A.B., New York
Gorrell, James Stanley, A.B., Maryland
Harris, Earle Harold........New York
Hemminger, Earl Wentworth, B.S., Pennsylvania
Highstein, Gustav, Ph.G........Maryland
Himelfarb, Albert Joseph, A.B., Maryland
Hurwitz, George Hillel, A.B., Connecticut
Hyman, Joseph, B.S........New York
Hyman, Morris, A.B........Connecticut
*Justice, James Thomas, Jr., A.B., North Carolina
Kenler, Myron Lewis, A.B., New York
Keown, Lauriston Livingston, A.B., Maryland
Kimmel, Charles........New Jersey
Kline, Albert Adolph, B.S., Wisconsin
Kochman, Leon Arthur........Maryland
Konigsberg, Wilfred Kane, A.B., New Jersey
Lentz, George Ellard, B.S., Pennsylvania
Lifland, Bernard Daniel, B.S., New Jersey
Lowman, Milton Edward, A.B., Maryland
Malinoski, Wallace Henry, Ph.G., Maryland
Matheke, George Adolph, New Jersey
Miller, Benjamin, B.S........New York
Miller, Meyer George, B.S., New York
Moore, James Irving, A.B., Maryland
Novenstein, Sidney, A.B., Connecticut
Osserman, Kermit Edward, A.B., New York
Peer, George Foster........West Virginia
Pico, Jose Teodoro, B.S........Porto Rico
Racusin, Nathan, Ph.G........Maryland
Robinson, Daniel Robert, B.S., New York
Rosenberg, Arthur, B.S........New York
Rosenfeld, David Herman, Ph.G., Maryland
Rubin, Samuel S., Ph.G........Maryland
Rutland, Hedley Ethelbert, B.S., Pennsylvania
Sasscer, James Ghiselin, B.S., Maryland
Schiff, Hyman, A.B........Maryland
Schiff, Joseph, A.B........Maryland
Schindler, Blane Markwood, Ph.G., Maryland
Schlachman, Milton, Ph.G., Maryland
Schneiman, Maurice Harris, A.B., Pennsylvania
Schochet, George, Ph.G........Maryland
Schwartz, Alec Robert, B.S., Pennsylvania
Schwartz, Paul M., Ph.G., Maryland
Shea, Cornelius Joseph........Connecticut
Smith, Ashby Wade........North Carolina
Soltis, Michael Joseph Wieciech, A.B., Maryland
Stackhouse, Howard........New Jersey
Stern, Maurice Lee, A.B........New York
Szule, Stephen Ph.M........New Jersey
Taylor, Clifford Morrison........Maryland
Thumim, Mark, B.S........New York
Turano, Leonard Francis, B.S., New York
Van Metre, John Lee, A.B., West Virginia
Weisman, Samuel, Ph.G........Maryland
Wolbert, Frank Olaf........Maryland
Zager, Saul, B.S........New Jersey

FIRST YEAR CLASS

*Abel, Lester Jay, B.S., Pennsylvania
Abramovitz, Leonard Jerome, A.B., Maryland
Adams, Thurston Ray, North Carolina
Alexander, Robert Porter, Pennsylvania
Austraw, Henry Harrison, Ph.G., Maryland
Bainbridge, Frank William, Pensylvania
Bayer, Ira Eugene........Maryland
Bayley, George Schwing...Pennsylvania
*Belt, John Hess, B.S........Maryland
Berenstein, Stanley Harry, Maryland
Bilcovitch, Harry David, A.B., Pennsylvania
Blum, Louis Vardee, A.B., Delaware
Brodey, David Franklin, A.B., New York
Burgtorf, George Edward, Maryland

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*Did not complete the year.

FIRST YEAR CLASS—Continued

Campbell, Edgar Thrall, A.B., Maryland
Carliner, Paul Elliott, Ph.G., Maryland
Cassidy, William Adrian, A.B., Maine
Caton, Franklin Walter..........Maryland
Coates, Stephen Paul..........New York
Cohen, Lawrence Jack, Ph.G., Maryland
Cooper, Jules..........New Jersey
David, Harry Walter..........Maryland
*Davidson, Meyer, Ph.G..........Maryland
Deitz, Joseph Robert, A.B., New Jersey
Delcher, Jack Edward..........Ohio
Diener, Samuel, Ph.G..........Maryland
Dorman, George Edward, B.S., Pennsylvania
Downey, Regis Fallon, B.S., Pennsylvania
Dreher, Robert Hering, B.S., Pennsylvania
Dunbar, John Charles, Ph.G., Pennsylvania
Echols, John Edward..........West Virginia
Elterich, Charles Frederick, B.S., Pennsylvania
*Ewald, August Ludwig, B.S., Maryland
Farr, Robert Wilbur, B.S., Maryland
Fearing, William Lumsden, North Carolina
Feldman, Leon Henry, Ph.G., Maryland
Finegold, Joseph, B.S., Pennsylvania
Friedman, Abraham Abbot, A.B., New York
Gaskel, Jason Howard, A.B., Maryland
Gelb, Jerome, B.S..........New Jersey
Gelman, Sidney..........New Jersey
Goldstone, Herbert, Ph.G., Maryland
Goodhand, Charles Luther, A.B., Maryland
Goodman, Howard, Ph.G..........Maryland
Gordon, Joseph, Ph.G..........Maryland
Gutman, Isaac, Ph.G..........Maryland
Hanigsberg, Murray Joseph, B.S., New York
Hartman, Ira Frank, B.S., West Virginia
Healy, Robert Fairbank, B.S., Maryland
Hoffman, Edward Sayer, A.B., New York
Horan, William Henry, A.B., Pennsylvania
Howard, William Lawrence, B.S., Maryland
*Hugg, John Henry..........Pennsylvania
Hummel, Leonard Malcolm, Maryland
Hunt, Josiah Arnold..........Maryland
Hurwitz, Abraham, Ph.G..........Maryland
Insley, Philip Asbury, B.S., Maryland
Janousky, Nathan Bonny, Ph.G., Maryland
Jerardi, Joseph Victor, B.S., Maryland
Johnson, Thorwald..........California
Kallins, Edward Selig, Ph.G., Maryland
Katz, Simon, A.B..........New York
Ketz, Wesley John..........Pennsylvania
Knoll, William, B.S..........New York
Kurz, Theodore George, B.S., Connecticut
Lane, Edwin Charles, A.B., New Jersey
Lawler, Thomas Gorman, A.B., California
Leass, Reuben, B.S..........New York
Leavitt, Abraham Charles, B.S., Massachusetts
Levin, Manuel, A.B..........Maryland
Levin, Milton, Ph.G..........Maryland
Levine, Matthew, B.S..........New York
Maginnis, Helen Irene, A.B., Maryland
Mains, Marshall Paul, A.B..........Ohio
Mancuso, Joseph, A.B..........Ohio
Marlett, Neumann Clyde..........New Jersey
McNally, Hugh Bernard, Ph.G., B.S., Maryland
Means, Milton Charles, Pennsylvania
Millett, Joseph, Ph.C., B.S. in Ph., Pennsylvania
Mirow, Richard Raymond, New York
Moore, Alfred Charles, A.B., Maryland
Moulton, Olin Cates, A.B..........Maine
Mund, Maxwell Herschel, Ph.G., Maryland
Neal, Roland Abbott..........Pennsylvania
Needleman, Max, B.S..........New York
O'Connor, Raymond Francis, Pennsylvania
*O'Neill, James George, A.B., Maryland
Orans, Alfred Abraham, A.B., New York
*Perry, Joseph Dominic, A.B..........Utah
Rabinowitz, Jacob Herbert, B.S., New Jersey

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*Did not complete the year.

FIRST YEAR CLASS—Continued

Reardon, William Thomas, A.B., Delaware
Reier, Charles Henry..........Maryland
Riehl, Louis Milton..........Maryland
Ritter, Donald Lehman, B.S., Pennsylvania
Roberson, Edward Leon, B.S., North Carolina
Rosen, Morris, A.B..........Pennsylvania
*Rosenfeld, Myer, A.B..........Maryland
Rosenthal, Charles Morton, B.S., New York
Rudo, Nathan, Ph.G..........Maryland
Sacks, Milton Samuel, Ph.G., Maryland
Salamone, Louis..........Maryland
Satulsky, Emanuel Milton..New Jersey
Schwartz, Daniel James, Ph.G., Maryland
Schwartz, Theodore Allison,, Ph.G., Maryland
Scoles, Peter Serafino..........New Jersey
Sedlacek, Joseph Arthur..........Maryland
Seidman, Henry George, Ph.G., Maryland
Sekerak, Richard John Stephen, Connecticut
Shepler, Joseph Robert, B.S., Pennsylvania
Siegel, Benjamin Israel..........Maryland
Siegel, Milton, B.S..........New York
Sisserson, Barney, B.S..........New York
Smith, William Benjamin..........Maryland
Snyder, Edward Leroy......Pennsylvania
Snyder, John Newcomer, Pennsylvania
Sollod, Bernard Walter, A.B., Maryland
Spitznagle, Vernon Edward, Maryland
Sproul, Dorothy Gertrude, B.S., M.S.S. ....Massachusetts
Stein, Milton Robert, Ph.G., Maryland
Stephens, Wilson Paschall, B.S., Virginia
Strader, William Robinson, West Virginia
Stutzman, Clyde Malvern, B.S., Pennsylvania
Sugar, Samuel Jacob..........Maryland
Sutton, Harold Lawrence, A.B., New Jersey
Taylor, Andrew Duval, North Carolina
Teitelbaum, Harry Allen, B.S., New York
Terman, Irving, A.B..........New York
Timberlake, Landon, Ph.G., A.B., Virginia
Tuerk, Isadore..........Maryland
Tussey, Paul Kemmler, B.S., Pennsylvania
Udkow, Samuel, B.S..........New York
Wagner, Richard, A.B..........New Jersey
Warshawsky, Harry, B.S..........New York
Wilder, Earle Maurice, Ph.G., Maryland
Williams, Jesse Frank, B.S., West Virginia
Wolfe, William David, A.B., Maryland
Woods, Richard Hawthorne, A.B., South Carolina
Zurawski, Charles, Ph.B., Rhode Island

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* Did not complete the year.

GENERAL SUMMARY OF STUDENTS ATTENDING THE UNIVERSITY OF MARYLAND

GENERAL SUMMARY OF STUDENTS ATTENDING THE UNIVERSITY OF MARYLAND

SESSION OF 1930-1931

College of Agriculture	169
College of Arts and Sciences	643
School of Dentistry	411
College of Education	150
Extension Courses	163
College of Engineering	321
Extension Courses	192
Short Course	95
Graduate School	169
College of Home Economics	84
School of Law	153
School of Medicine	413
School of Nursing	112
School of Pharmacy	357
Summer School, 1930	745
Practice School	77
Grand Total	4,254
Duplications	186
Net Total	4,068

ALUMNI ASSOCIATION SCHOOL OF MEDICINE

Executive Officers
(1930-31)

President, Dr. John Evans, Medical Arts Building.
Vice President, Dr. Henry M. Fitzhugh, Westminster, Md.
Vice President, Dr. James C. Lumpkin, 818 Park Avenue.
Vice President, Dr. S. J. Waterworth, 207 E. Cherry Street, Clearfield, Pa.
Secretary, Dr. T. B. Aycock, Medical Arts Building.
Assistant Secretary, Dr. H. L. Wheeler, 2910 Hollins Ferry Road.
Treasurer, Dr. Cyrus F. Horine, 817 Park Avenue.

Board of Directors

Dr. Albert E. Goldstein, Chairman, Medical Arts Building.
Dr. Harry M. Stein, 104 W. Madison Street.
Dr. F. B. Anderson, Medical Arts Building.
Dr. Chas. Reid Edwards, Medical Arts Building.
Dr. Chas. R. Foutz, Westminster, Md.
Dr. John Evans, Medical Arts Building.
Dr. T. B. Aycock, Medical Arts Building.
Dr. H. L. Wheeler, 2910 Hollins Ferry Road.
Dr. Cyrus F. Horine, 817 Park Avenue.

Advisory Committee

Dr. Wm. H. Triplett, Chairman, 1324 W. Lombard Street.
Dr. Edgar Friedenwald, 1616 Linden Avenue.
Dr. A. Fred Ries, 24 S. Broadway.
Dr. Chas. A. Waters, 1100 N. Charles Street.
Dr. Samuel Demarco, 1604 Linden Avenue.

Representative on Alumni Council

Dr. L. A. M. Krause, Medical Arts Building.

Representatives on Hospital Council

Dr. Frank W. Keating, Owings Mills, Md.
Dr. James Billingslea, Glen Burnie, Md.

Trustees Students Rotating Fund

Dr. Wm. S. Love, 836 W. North Avenue.
Dr. Chas. E. Brack, 500 E. 20th Street.
Dr. Frank J. Kirby, 110 E. North Avenue.
Dr. Robert L. Mitchell, 2112 Maryland Avenue.
Dr. G. Milton Linthicum, 817 Park Avenue.

Library Committee

Dr. Nathan Winslow, University Hospital.

Editors Bulletin

Dr. Emil Novak, 26 E. Preston Street.
Dr. Howard M. Bubert, Medical Arts Building.

ENDOWMENT FUND

The following constitute the Board of Trustees of this Fund:

E. F. Kelly, Ph.G., Chairman
J. M. H. Rowland, M.D.
Harry Adler, M.D.
Randolph Winslow, A.M., M.D., LL.D.
Stuart Janney
Daniel Baker, Jr.
Horace M. Davis, D.C.D.
Robertson Griswold
Arthur M. Shipley, Sc.D., M.D.

This Board is incorporated by act of the Legislature of the State, its legal title being "The Trustees of the Endowment Fund of the University of Maryland," and is independent and self-perpetuating. Its powers are limited *to the expenditure of the interest derived from the fund,* which is to be applied in the discretion of the Board for the benefit of the University. Contributions, donations and bequests are solicited from Alumni and friends. They may be made to the general or University Fund, to the Medical Fund or to any other department of the University. If intended for the School of Medicine, they may be given to the general medical fund or to some special object, as building, research, library, pathology, hospital, publication, laboratories, gymnasium, scholarship, medal, prize, etc., in which case the wishes of the donor will be strictly regarded. Attention is invited to the "Charles Frick Research Fund," already established in memory of that distinguished investigator. Checks should be made payable to J. M. H. Rowland, Treasurer, Lombard and Greene Streets, Baltimore, Md.

FORMS OF DEVISE OR BEQUEST

To School of Medicine

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic..
(Here state amount or describe property)

To Endowment Fund

I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Physic..............................
(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

FACULTY AND INSTRUCTORS

Superintendent of Nurses and Director of School of Nursing
Annie Crighton, R.N.

Assistant Superintendent of Nurses
Frances M. Branley, R.N.

Instructor in Nursing
Lillie R. Hoke, R.N.

Instructor in Nursing and Supervisor of Wards
Helen Wright, R.N.

Instructor in Surgical Technique for Nurses and Supervisor of Operating Pavilion
Elizabeth Aitkenhead, R.N.

Instructor in Dietetics
Miriam Connelly

Instructor in Massage
Edith Walton

Instructor in Social Service
Grace Pearson, R.N.

Assistant Instructor in Nursing and Supervisor of Wards
Bertha Hoffman, R.N.

Vesta Swartz, R.N.	Night Supervisor
Jane Moffatt, R.N.	Supervisor—Dispensary
Beatrice Krause, R.N.	Head Nurse—Obstetrical Ward
Estelle Baldwin, R.N.	Head Nurse—Children's Ward
Grace Dick, R.N.	Head Nurse—Men's Medical Ward
Elizabeth Cannon, R.N.	Head Nurse—Men's Surgical Ward
Grace Dutterer, R.N.	Head Nurse—Men's Surgical Ward
Freda Fazenbaker, R.N.	Head Nurse—Women's Medical, Surgical, and Gynecological Ward
Lucy Brude, R.N.	Head Nurse—Private Hall
Margaret Currens, R.N.	Head Nurse—Private Hall
Gladys Adkins, R.N.	Assistant Head Nurse—Operating Room
Eva Mae Bradburn, R.N.	Assistant Head Nurse—Operating Room
Elizabeth Trice, R.N.	Head Nurse—Surgical Supply Room
Emma Winship, R.N.	Head Nurse—Accident Room
Hilda Willis, R.N.	Head Nurse—Outside Obstetrics
Bertha Tarun, R.N.	Assistant Outside Obstetrics
Catherine Rodenwald, R.N.	Head Nurse—Prenatal Clinic
Stella Ricketts, R.N.	Assistant Prenatal Clinic
Harriet Schroeder, R.N.	Head Nurse—Post-partum Clinic
Evelyn Zapf, R.N.	Assistant Post-partum Clinic
Naomi Allen, R.N.	Head Nurse Air Conditioning System
Eva Laigneil, R.N.	Assistant Air Conditioning System

GENERAL STATEMENT

The University of Maryland School for Nurses was established in the year 1889. Since that time it has been an integral part of the University Hospital, coming under the same government. The school is non-sectarian, the only religious services being morning prayers. The University Hospital is a general hospital containing about 250 beds. It is equipped to give young women a thorough course of instruction and practice in all phases of nursing, including experience in the operating room. The school offers the student nurse unusual advantages in its opportunity for varied experience and in its thorough curriculum taught by best qualified instructors and members of the Medical Staff of the University. The course of instruction covers a period of three years.

ADMISSION—Requirements: In order to become a candidate for admission to the Training School, application must be made in person or by letter, to the Superintendent of Nurses. An application by letter should be accompanied by a statement from a clergyman testifying to good moral character and from a physician certifying to sound health and unimpaired faculties. No person will be considered who is not in a good physical condition between the ages of 18 and 35. She must also show that she has a High School education or its equivalent. This is the minimum requirement, as women of superior education and culture are given preference provided they meet the requirements in other particulars.

The fitness of the applicant for the work and the propriety of dismissing or retaining her at the end of her term of probation, is left to the decision of the Superintendent of Nurses. Misconduct, disobedience, insubordination, inefficiency, or neglect of duty are causes for dismissal at any time by the Superintendent of Nurses, with the approval of the President of the University.

TIME: Students are admitted in February and October.

HOURS ON DUTY: During the probation term the students are on duty not more than six hours daily. During the Junior, Intermediate and Senior years the students are on eight-hour day duty, with six hours on Sunday and Holidays, and ten-hour night duty. The night duty periods are approximately five or six months during the three years.

SICKNESS: A physician is in attendance each day, and all students when ill, are cared for gratuitously. The time lost through illness in excess of two weeks during the three years must be made up. Should the authorities of the school decide that through the time lost the theoretical work has not been sufficiently covered to permit the student to continue in that year, it will be necessary for her to continue her work with the next class.

VACATION: Vacations are given between June and October. A period of three weeks is allowed the student at the completion of the first year and four weeks at the completion of the second year.

EXPENSE: An entrance fee of thirty dollars ($30.00), payable on admission, is required of all students. This fee is not returnable. A student receives her board, lodging, and a reasonable amount of laundry from the date of entrance. During her period of probation she provides her own uniforms made in accordance with the hospital regulations. After being accepted as a student nurse, she wears the uniform furnished by the hospital, and in addition to this is paid five dollars ($5.00) a month. Her personal expenses during the course of instruction and training will depend entirely upon her individual habits and tastes.

Five-Year Program

In addition to the regular three-year course of training the University offers a combined Academic and Nursing program leading to the degree of Bachelor of Science and a Diploma in Nursing.

The first two years of the course (or pre-hospital period), consisting of 68 semester hours, are spent in the College of Arts and Sciences of the University, during which period the student has an introduction to the general cultural subjects which are considered fundamental in any college training. At least the latter of these two years must be spent in residence at College Park in order that the student may have her share in the social and cultural activities of college life. The last three years are spent in the Training School of University Hospital, which is affiliated with the School of Medicine of the University.

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established in 1899 and incorporated under the laws of the State of Maryland in 1901. It has developed the art of the profession according to the high standard requisite to qualify for Registered Nurse.

Requirements for Admission.

A candidate desiring to enter the School of Nursing should apply to the Superintendent of Nurses by letter or in person at least six weeks before the entrance date. It is preferred that she apply in person accompanied by her mother or guardian. If a personal interview is not possible, a written application may be submitted.

Age.

Candidates should be between the ages of eighteen and thirty-five years.

Physique.

Applicants should be of average height and good physique. Teeth and eyes should be attended to before entering the School, and tonsils removed if not in good condition. Every applicant is required to send in a certificate of health by her family physician. A physical examination is also made by the school physician during the preliminary period.

Education.

Applicants for admission should present at least high school certificate of graduation or its equivalent in educational values. The credits of preliminary education are fully accounted and the nurse who is the better qualified finds such a foundation more to her advantage as she progresses through the years of study.

Calendar.

Students are admitted September 1st and February 1st.

Length of Course.

The course of instruction covers three years. It is divided into a preliminary term of four months, a freshman term of eight months, a junior term of one year, and a senior term of one year.

Conditions of Acceptance.

The Superintendent of Nurses decides as to the fitness for the work and the propriety of retaining or dismissing a student at the end of the term of probation or during its course. She may also, with the approval of the faculty, terminate the connection of a student with the School in any justifiable instance. At the end of the preliminary period, if the student's health, general education, and natural aptitude prove satisfactory to the Director of the School and the Sister Superior, she shall be appointed for enrollment as a student nurse.

Expenses.

An admission fee of fifty dollars is required from all students. This covers the cost of uniforms and books required during the preliminary course.

Should the student for any reason leave the school before completing the course, this fee will not be returned, nor may she take with her any part of the equipment.

After four months' probation, candidates, if they possess the necessary qualifications, are admitted to the School of Nursing proper. They receive ten dollars per month to help defray incidental expenses. No compensation is given, the education received being considered sufficient return for service rendered. Board, laundry, etc., are furnished by the institution.

Four weeks before admission candidates should forward the fifty-dollar entrance fee, and measurements for uniforms and aprons, which will be in readiness upon their arrival. No orders will be considered until this fee is received.

THE FIVE-YEAR COURSE

Leading to B.S. Degree and Diploma of Graduate Nurse

The University of Maryland, in affiliation with the Mercy Hospital School of Nursing, offers a combined Academic and Nursing program.

The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland, and to the diploma of the Mercy Hospital School of Nursing.

Graduate nurses who hold college degrees are greatly in demand, especially for positions in administration and teaching. This program consequently offers a distinct advantage.

Outline of Course

Two years of this course (pre-nursing or post-nursing period) consisting of 70 semester hours are spent in the College of Arts and Sciences of the University, with the usual College vacations. At least the latter of these two years must be spent in residence at College Park in order that the student may have her share in the social and cultural activities of College life.

Requirements for Admission.

Students electing such a course must before entering the School of Nursing, satisfy the entrance requirements of the University of Maryland. Applicants must be personally adapted to professional nursing.

Fees and Other Expenses.

During the two years which the students spend at College Park they maintain themselves, and pay their own College fees. (See University of Maryland bulletin.)

Throughout the Nursing School Course the hospital provides without expense to the student maintenance and care during temporary illness.